DRAFT

NAVY TRAINING SYSTEM PLAN

FOR THE

AN/APX-100(V) TRANSPONDER SET

N88-NTSP-A-50-8305B/D

SEPTEMBER 1999

APX-100(V) TRANSPONDER SET

EXECUTIVE SUMMARY

The AN/APX-100(V) Transponder Set, from here on referred to as the AN/APX-100(V), automatically provides Identification Friend or Foe of an aircraft to all interrogator-equipped aircraft, ships, and ground forces within operational range. The AN/APX-100(V) also provides aircraft altitude data and flight identification for civil and military air traffic control. The AN/APX-100(V) will be installed during production of the AH-1W, AV-8B, C-20D/GIV, C-130T, E-2C (Group II), F-14D, all F/A-18 series, HH-60H, KC-130T, RC-12F/M, SH-60B/F, T-45A, UC-12F/M, and V-22A aircraft. The AN/APX-100(V) is currently in Phase III (Production, Deployment, and Operational Support) of the Weapon System Acquisition Process and has been retrofitted into E-2C (Group II) Aircraft already in the fleet.

The AN/APX-100(V) is also installed either during production or through retrofit in several special purpose surface craft including the Landing Craft Air Cushion, Utility Landing Craft, MK2 Explosive Ordnance Surface Craft, MK3 Patrol Boat, MK4 Special Forces Sea Craft, Rubber Inflatable Boat, Coastal Patrol Boat, and Torpedo Weapons Retriever.

For aircraft applications, AN/APX-100(V) maintenance is performed per the Naval Aviation Maintenance Program, OPNAVINST 4790.2G. Navy Aviation Electronics Technicians (AT) and Marine Corps Aircraft Communications and Navigation Technicians with the appropriate aircraft Navy Enlisted Classification (NEC) or Military Occupational Specialty (MOS) perform organizational level maintenance. Intermediate level maintenance is performed by AT personnel with NEC 6609 and Marine Corps personnel with MOS 6413. Aboard surface craft, Navy Electronics Technician (ET) personnel perform maintenance on the AN/APX-100(V) per the Issue of Ships Maintenance and Material Management, OPNAVINST 4790.4B. Naval Aviation Depot, North Island, California, performs depot level maintenance for the AN/APX-100(V). There have been no changes to existing billet requirements.

Initial training has been completed. Follow-on training has been established for organizational and intermediate levels of maintenance. Organizational maintenance training for the AN/APX-100(V) is conducted by the appropriate Maintenance Training Unit (MTU) and Fleet Replacement Enlisted Skills Training (FREST) department for each type aircraft. Intermediate maintenance training for AT 6609 and ET personnel is conducted at MTU 1011, Naval Air Maintenance Training Group Detachment (NAMTRAGRU DET) Jacksonville, Florida; MTU 1007, NAMTRAGRU DET Oceana, Virginia; and MTU 1038, NAMTRAGRU DET Lemoore, California. Marine Corps personnel, MOS 6413, attend intermediate maintenance training at VMAT-203 FREST, Marine Corps Air Station Cherry Point, North Carolina.

APX-100(V) TRANSPONDER SET

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LIST OF ACRONYMS

AIMD	Aircraft Intermediate Maintenance Department
AIMS	Air Traffic Control, Radar Beacon System, Identification Friend or Foe, Mark XII System
AMIST	Aviation Maintenance In-Service Training
AMTCS	Aviation Maintenance Training Continuum System
AT	Aviation Electronics Technician
ATCRBS	Air Traffic Control Radar Beacon System
ATIR	Annual Training Input Requirements
BIT	Built-In Test
CBT	Computer-Based Training
CIN	Course Identification Number
CINCLANTFLT	Commander in Chief, Atlantic Fleet
CINCPACFLT	Commander in Chief, Pacific Fleet
CMC	Commandant of the Marine Corps
CNET	Chief of Naval Education and Training
CNO	Chief of Naval Operations
COMNAVAIRESFOR	Commander, Naval Air Reserve Force
CFY	Current Fiscal Year
ET	Electronics Technician
FMS	Foreign Military Sales
FREST	Fleet Replacement Enlisted Skills Training
FRS	Fleet Readiness Squadron
FY	Fiscal Year
IFF	Identification Friend or Foe
ILSP	Integrated Logistics Support Plan
IPB	Illustrated Parts Breakdown
LCAC	Landing Craft, Air Cushioned
LCU	Landing Craft, Utility
MALS	Marine Aviation Logistics Squadron
MATMEP	Maintenance Training Management Evaluation Program
MCAS	Marine Corps Air Station
MOS	Military Occupational Specialty

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LIST OF ACRONYMS

MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NA	Not applicable
NAMTRAGRU	Naval Air Maintenance Training Group
NAMTRAGRU DET	Naval Air Maintenance Training Group Detachment
NATEC	Naval Air Technical Data and Engineering Service Command
NATOPS	Naval Air Training and Operating Procedures Standardization
NAVAIRSYSCOM	Naval Air Systems Command
NAVAVNDEPOT	Naval Aviation Depot
NEC	Navy Enlisted Classification
NTSP	Navy Training System Plan
OJT	On-the-Job Training
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	Office of the Chief of Naval Operations Instruction
OPO	Office of the Chief of Naval Operations Principal Official
PC	Patrol Boat, Coastal
PFY	Prior Fiscal Year
PICA	Primary Inventory Control Activity
PMA	Program Manager, Air
RADCOM	Radar Communications
RFT	Ready For Training
RIB	Rigid Hull Inflatable Boat
SIMA	Shore Intermediate Maintenance Activities
SRA	Shop Replaceable Assembly
TD	Training Device
TFS	Total Force Structure
TTE	Technical Training Equipment
TWR	Torpedo Weapons Retriever
WRA	Weapon Replaceable Assembly

APX-100(V) TRANSPONDER SET

PREFACE

This Draft Navy Training System Plan (NTSP) for the AN/APX-100(V) Transponder Set has been updated to comply with the guidelines as set forth in the Navy Training Requirements Documentation Manual, OPNAV Publication P-751-1-9-97, and reflects the latest information on the AN/APX-100(V) program. This NTSP updates the Approved AN/APX-100(V) Transponder Set NTSP, A-50-8305A/A, dated March 1989. The major changes and updates to this NTSP consist of:

PART I   This part reflects changes that include an updated list of aircraft and special purpose surface craft that employ the AN/APX-100(V) Transponder Set. It also includes additional training sites for intermediate level training, and a recently revised course that combines intermediate level maintenance training for the AN/APX-100(V) and the AN/APX-72 Transponder Set.

PART II   Training sites have been added to this part.

PART III   This part has been changed to reflect the revised course combining intermediate level maintenance training.

PART IV   This part has been changed to reflect updated training device delivery schedules.

PART V   This part has been updated to include major milestones.

PART VII   This part has been updated to reflect current Points of Contact.

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

    1. Nomenclature-Title-Acronym. AN/APX-100(V) Transponder Set

    2. Program Element. PE64211N

B. SECURITY CLASSIFICATION

    1. System Characteristics .... Unclassified
    2. Capabilities .... Unclassified
    3. Functions...................................... Unclassified

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

OPNAV Principal Official (OPO) Program Sponsor................................. CNO (N880G)

OPO Resource Sponsor .... CNO (N880G)

Developing Agency.. NAVAIRSYSCOM (PMA209)

Training Agency .... CINCLANTFLT
CINCPACFLT
CNET
CMC

Training Support Agency... NAVAIRSYSCOM (PMA205)

Manpower and Personnel Mission Sponsor... CNO (N12)
NAVPERSCOM (PERS-40, PERS-404)

Director of Naval Training .... CNO (N7)

Commander, Reserve Program Manager .........................COMNAVAIRESFOR(N4311)

Marine Corps Combat Development Command
Manpower Management .... TFS Division

D. SYSTEM DESCRIPTION

1. **Operational Uses.** The AN/APX-100(V) Transponder Set is a receiver-transmitter that provides automatic Identification Friend or Foe (IFF) of an air or surface vehicle to all interrogator-equipped aircraft, ships, and ground forces within operational range of the system. The AN/APX-100(V) also provides aircraft altitude reporting and tracking data necessary for civil and military air traffic control. The AN/APX-100(V) has been or will be installed during production of the following Navy and Marine Corps aircraft: AH-1W/UH-1N, AV-8B, C-20D/GIV, E-2C (Group II), F-14D, all F/A-18 Series, HH-60H, RC-12F/M, SH-60B/F, T-45A/TAV-8, UC-12F/M, and V-22A aircraft. The AN/APX-100(V) has been retrofitted into E-2C (Group II) Aircraft already in the fleet.

The AN/APX-100(V) is also employed aboard various special purpose platforms. These include the Air Cushion Landing Craft (LCAC), Utility Landing Craft (LCU), MK5 Special Forces Sea Craft, Rigid Hull Inflatable Boat (RIB), Coastal Patrol Boat (PC), and Torpedo Weapons Retriever (TWR). For surface craft applications, the AN/APX-100(V) provides IFF when interrogated.

2. **Foreign Military Sales.** The United States Army, Air Force, and Coast Guard employ several configurations of the AN/APX-100(V) in various aircraft. The Navy is the lead service for procurement of the AN/APX-100(V). Foreign Military Sales (FMS) of the AN/APX-100(V) includes over 50 nations; many with the number of units procured dependent upon specific aircraft procurements. For additional information concerning FMS or other military procurements, contact the Program Manager, PMA209.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST. The Naval Research Laboratory, Washington, District of Columbia, conducted the Technical Evaluation for the AN/APX-100(V) from January through April 1980. An Operational Evaluation was not required.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. The AN/APX-100(V) replaced the AN/APX-72 and was retrofitted throughout the fleet.

G. DESCRIPTION OF NEW DEVELOPMENT

1. **Functional Description.** The AN/APX-100(V) is a transponder that replies to interrogation signals. It uses two receivers that compare the received signal with a diversity circuit and directs the transmit signal through the selected antenna. With the associated equipment described below, the AN/APX-100(V) provides identification and, in the case of aircraft, altitude information to interrogating surface or airborne platforms.

The AN/APX-100(V) operates in conjunction with two AS-133 (V)/APX Antennas, the KIT-1(V)/TSEC Communications Security Transponder Computer (Mode 4), and the CPU-66(V)/A Altitude Encoder (Mode C).

The AN/APX-100(V) is installed in two configurations. One is panel (or console) mounted; the other is rack (or electronic bay) mounted that requires a remote, panel-mounted control, and MT-4811 mount. Each of the panel-mounted receiver-transmitters and control units has a specific lighting color and lamp voltage requirement. The following table lists the assigned nomenclatures for each type of aircraft and special purpose surface craft.

AN/APX-100(V) CONFIGURATIONS			
PLATFORM	**RECEIVER-TRANSMITTER**	**CONTROL UNIT**	**MOUNTING BASE**
AH-1W	RT-1285 A/B	NA	NA
AH-1W	RT-1558 A	NA	NA
AV-8B	RT1157 A/B	*	MT-4811
C-20D/GIV	RT-1296 A/B	NA	NA
C-130T	RT-1157 A/B	C-10534	MT-4811
E-2C (Group II)	RT-1157 A/B	C-10533	MT-4811
F/A-18 A/C	RT-1157 A/B	*	MT-4811
F/A-18B/D/E/F	RT-1157 B	*	MT-4811
F-14D	RT-1296 A/B	NA	NA
HH-60H	RT-1284 A/B	NA	NA
KC-130T	RT-1157 A/B	C-10534	MT-4811
RC-12F/M	RT-1284 A/B	NA	NA
SH-60B	RT-1284 A/B	NA	NA
SH-60F	RT-1284 A/B	NA	NA
T-45A	RT-1157 A/B	C-10534	MT-4811
UC-12F	RT-1284A/B	NA	NA
UC-12M	RT-1558	NA	NA
V-22A	RT-1471	*	MT-4811
LCAC	RT-1285 B	NA	NA
LCU	RT-1285 A	NA	NA
MK5	RT-1285 A	NA	NA
RIB	RT-1285 A	NA	NA

AN/APX-100(V) CONFIGURATIONS			
PLATFORM	**RECEIVER-TRANSMITTER**	**CONTROL UNIT**	**MOUNTING BASE**
RIB	RT-1558	NA	NA
PC	RT-1285 B	NA	NA
TWR	RT-1285A	NA	NA

Note: The AV-8B, F/A-18 series, and V-22A employ contractor-furnished controls integral with the head-up display and 1553 data bus system.

2. Physical Description

WRA	**WEIGHT (POUNDS)**	**DIMENSIONS (INCHES)**		
		H	**W**	**L**
RT-( )/APX-100(V)	8.4	5.250	5.750	8.250
RT-1157/APX-100(V)	10.0	5.750	5.400	10.200
RT-1471/APX-100(V)	10.0	5.375	5.375	10.250
C-( )/APX-100(V)	1.7	5.750	5.250	3.640
MT-4811/APX-100(V)	1.0	1.250	6.000	8.560

3. New Development Introduction. The AN/APX-100(V) will be installed during the production of new aircraft and special purpose surface craft. The AN/APX-100(V) has been retrofitted into all platforms already in the fleet.

4. Significant Interfaces. Functional interfaces of the AN/APX-100(V) include United States military interrogator systems (i.e., AN/UPX-29 Interrogator System), the Navy's Air Traffic Control Radar Beacon System (ATCRBS) IFF Mark XII Systems (AIMS), the Air Force's and Army's AIMS, and the Federal Aviation Administration's ATCRBS. The AN/APX-100(V) interfaces with the AN/TPX-42A(V) Direct Altitude Identification Readout Interrogator Sets aboard carriers as well as shore sites to provide aircraft identification and altitude information for Navy air traffic control operations.

5. New Features, Configurations, or Material. Not Applicable (NA)

H. CONCEPTS

1. Operational Concept. The pilot, copilot, or surface craft operator activates the AN/APX-100(V) and selects the appropriate mode of operation. Transmitting and receiving functions are automatic after activation and initial set-up.

2. Maintenance Concept. For aircraft applications, AN/APX-100(V) maintenance is performed per the Naval Aviation Maintenance Program, OPNAV Instruction (OPNAVINST) 4790.2G based upon three levels of maintenance: organizational, intermediate, and depot. Aboard surface vessels, maintenance is performed on the AN/APX-100(V) per the Issue of Ships Maintenance and Material Management (3M Manual), OPNAVINST 4790.4B.

The AN/APX-100(V) is designed for rapid recognition of hardware failures, ease in replacement of the unit, accuracy of fault isolation, and ease of board and module replacement and repair. Built-In-Test (BIT) circuits are used to verify system readiness and to perform fault isolation to the failed Weapon Replaceable Assembly (WRA). The AN/APX-100(V) incorporates a continuous automatic test feature that monitors all interrogations received. Incorrect responses or other malfunctions as identified above will cause the Test/Monitor Go/No-Go indicator to illuminate.

a. Organizational. Organizational level maintenance of the AN/APX-100(V) consists of preventive and corrective maintenance actions limited to system check-out, fault isolation, inspection, servicing, and removal and replacement of assemblies, subassemblies, and certain chassis mounted components such as fuses, lamps, knobs, and displays. In aviation applications, organizational maintenance is performed by Navy Aviation Electronics Technicians (AT) and Marine Corps Aircraft Communications and Navigation Technicians with the appropriate Navy Enlisted Classification (NEC) and Military Occupational Specialty (MOS) for the type, model, and series of aircraft supported. Aboard surface craft, Navy Electronics Technicians (ET) perform organizational level maintenance on the AN/APX-100(V).

(1) Preventive Maintenance. Preventive maintenance consists of corrosion control and initiating BIT to verify system readiness. The status of the AN/APX-100(V) is displayed on the control panel by the following four indicators:

- Transponder Test/Monitor Go/No-Go
- Antenna Voltage Standing-Wave Ratio Status
- Altitude Digitizer Status
- Computer Status

(2) Corrective Maintenance. Corrective maintenance consists of troubleshooting, removal, and replacement of WRAs. The BIT features are used to perform fault isolation to the failed WRA in most cases. External confidence checks are performed using the AN/APM-378 Transponder Test Set with the AS-3324/APM-378 Diversity Antenna or the AN/APM-424(V)2 Transponder Test Set. These test sets perform a radiated test on the aircraft transponder system to verify Mode 4-code operation and diversity operation. A new

Identification Friend of Foe Interrogator Transponder Test Set for flight line testing is currently in Technical Evaluation (May 1999) and could be available to the fleet by December 1999.

b. Intermediate. The Aircraft Intermediate Maintenance Department (AIMD) or Marine Aviation Logistics Squadron (MALS) performs intermediate level maintenance. Intermediate level maintenance is also performed at micro-miniature repair shops aboard ships and Shore Intermediate Maintenance Activities (SIMAs). Maintenance actions at this level consist of functional testing, fault isolation, and the removal and replacement of Shop Replaceable Assemblies (SRAs). Faulty SRAs and WRAs (when unable to fault isolate to the SRA) are forwarded to the depot level. Intermediate level maintenance is performed by AT personnel with NEC 6609, Marine Corps personnel with MOS 6413, and ET personnel (with no specific NEC).

c. Depot. Naval Aviation Depot (NAVAVNDEPOT) North Island, California, is the repair depot for the AN/APX-100(V). Faulty WRAs and SRAs are repaired by identifying and replacing all faulty piece-parts and testing the unit to ensure that it is ready for issue.

d. Interim Maintenance. NA

e. Life Cycle Maintenance Plan. NA

3. Manning Concept. Operation and maintenance skill requirements for the AN/APX-100(V) are similar to those required for other existing transponders. Organizational and intermediate maintenance manpower for the AN/APX-100(V) is driven by the total maintenance requirements at each activity. No changes in the existing billet structure for AT 6609, ET (no specific NEC), or MOS 6413 were required to support the AN/APX-100(V).

4. Training Concept. Operator training for the AN/APX-100(V) is provided during pilot training at the aircraft-specific Fleet Readiness Squadrons (FRS) and small craft operator training either through formal training courses or On-the-Job Training (OJT). Organizational level maintenance training for AT and Marine Corps personnel is provided through Naval Air Maintenance Training Group (NAMTRAGRU) courses for each type of aircraft and are conducted at Maintenance Training Unit (MTU) and Fleet Replacement Enlisted Skills Training (FREST) activities. AN/APX-100(V) intermediate level training for AT 6609 and MOS 6413 personnel is conducted by:

- MTU 1038, NAMTRAGRU Detachment (NAMTRAGRU DET) Lemoore, California
- MTU 1011, NAMTRAGRU DET Jacksonville, Florida
- MTU 1007, NAMTRAGRU DET Oceana, Virginia
- VMAT-203 FREST, Marine Corps Air Station (MCAS) Cherry Point, North Carolina.

ET personnel that require AN/APX-100(V) intermediate level maintenance training will attend the NAMTRAGRU course conducted at the MTUs. NAMTRAGRU Headquarters Pensacola, Florida, will accommodate Naval Sea Systems Command and provide this training to ET personnel on a case by case basis.

Selected Reserve personnel may earn intermediate level maintenance qualifications by attending formal training at NAMTRAGRU DETs, providing that quotas, funding, and students are available to attend the training. Specific guidelines are contained in NAVPERS 18068F Volume II, Chapter IV, Navy Enlisted Classifications.

The established training concept for most aviation maintenance training divides "A" School courses into two or more segments called Core and Strand. The "C" School courses are also divided into separate Initial and Career training courses. "A" School Core courses include general knowledge and skills training for the particular rating, while "A" School Strand courses focus on the more specialized training requirements for that rating and a specific aircraft or equipment, based on the student's fleet activity destination. Strand training immediately follows Core training and is part of the "A" School. Upon completion of Core and Strand "A" School, graduates attend the appropriate Initial "C" School for additional specific training. Initial "C" School training is intended for students with a paygrade of E-4 and below. Career "C" School training is provided for E-5 and above personnel to enhance skills and knowledge within their field.

a. Initial Training. Three cadre factory-training courses were conducted for selected fleet, depot, Naval Aviation Engineering Service Unit, and Coast Guard personnel at the Allied Bendix Aerospace plant (now Raytheon Identification Systems Company) in Towson, Maryland, from 6 August 1984 through 2 November 1984. Allied Bendix Aerospace conducted initial training for MTU 1033 and MTU 1011 instructors from 1 April 1985 through 3 May 1985 at MTU 1033. Allied Bendix Aerospace conducted a depot level maintenance course for, the then, NAVAVNDEPOT Pensacola personnel from 11 through 22 August 1986. This training was conducted at the contractor's facility in Baltimore. All initial training has been completed.

b. Follow-on Training

(1) Operator. AN/APX-100(V) operator training is accomplished during pilot training at the FRS for each aircraft. Refer to the applicable aircraft platform NTSP for information on pilot courses and annual student training requirements. For surface craft applications, small craft operator training includes AN/APX-100(V) operator training either through formal training courses or OJT.

(2) Maintenance

(a) Organizational. Organizational level maintenance training on the AN/APX-100(V) has been incorporated into existing electronics or communication and navigation training tracks for the specific aircraft platforms. Refer to the individual aircraft NTSP for additional information on organizational maintenance training and annual training input requirements.

(b) Intermediate. There are two intermediate level maintenance courses for the AN/APX-100(V). Each course combines AN/APX-100(V) training with the AN/APX-72 Transponder Set. The Navy training course, Combined Electronics Identification

(IFF) Intermediate Maintenance, C-102-4052, is contained in training track D/E-102-6039. The Marine Corps training course, APX-72/APX-100 IFF Intermediate Maintenance, C-102-4049, is contained in training track M-102-6413. Both courses are currently on-line. Training course information is depicted below:

Title .... **Combined Electronic Identification Equipment Intermediate Maintenance**

CIN .... C-102-4052 (Track D/E-102-6039)

Model Manager ... MTU 1011, NAMTRAGRU DET Jacksonville

Description .... This course provides Aviation Electronics Technicians with sufficient knowledge of the AN/APX-100(V) Transponder Set, AN/APX-72 Radar Identification System, TS-1843( )/APX Transponder Test Set, and AN/APX-76 Air/Air IFF Interrogator Set, including theory, circuit analysis, alignment procedures, and troubleshooting techniques using appropriate test equipment, to safely perform intermediate maintenance in an AIMD environment under limited supervision.

Locations .... MTU 1011, NAMTRAGRU DET Jacksonville
MTU 1038, NAMTRAGRU DET Lemoore
MTU 1007, NAMTRAGRU DET Oceana

Length .... 61 days

RFT date .... Currently available

Skill identifier AT-6609

TTE/TD .... Technical Training Equipment (TTE) is the AN/APX-100(V); TD is NA.

Prerequisites .... C-100-2020, Avionics Common Core Class A1
C-100-2017, Avionics Technician I Level Class A1

Title .... **AN/APX-72 and AN/APX-100(V) IFF Transponder Intermediate Maintenance**

CIN .... C-102-4049 (Track M-102-6413)

Model Manager ... VMAT-203 FREST, MTU 3001 NAMTRAGRU DET MCAS Cherry Point

Description	This course provides Aviation Electronics Technicians with sufficient skills and knowledge of the AN/APX-72 and AN/APX-100(V) IFF Transponder System theory of operation, operating characteristics, and troubleshooting procedures to perform intermediate level maintenance on these systems in the AIMD and MALS environment with close supervision.
Location	VMAT-203 FREST, MCAS Cherry Point
Length	37 days
RFT date	Currently available
Skill identifier	MOS 6413
TTE/TD	TTE is the AN/APX-100(V); TD is NA.
Prerequisite	C-100-2020, Avionics Common Core Class A1 C-100-2017, Avionics Technician I Level Class A1

c. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AT 6609	° C-100-2020, Avionics Common Core Class A1 ° C-100-2017, Avionics Technician I Level Class A1
MOS 6314	° C-100-2020, Avionics Common Core Class A1 ° C-100-2017, Avionics Technician I Level Class A1

d. Training Pipelines. No new training tracks are required by this NTSP. Maintenance training tracks for the AN/APX-100(V) are currently available as identified in paragraph H.4.b.(2)(b).

I. ON-BOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development

a. Maintenance Training Improvement Program. The Maintenance Training Improvement Program (MTIP) is used to establish an effective and efficient training system responsive to fleet training requirements. MTIP is a training management tool that, through diagnostic testing, identifies individual training deficiencies at the organizational and intermediate levels of maintenance. MTIP is the comprehensive testing of one's knowledge. It consists of a

bank of test questions managed through automated data processing. The Deputy Chief of Staff for Training assisted in the development of MTIP by providing those question banks (software) already developed by the Navy. MTIP was implemented per OPNAVINST 4790.2 (series). MTIP allows increased effectiveness in the application of training resources through identification of skills and knowledge deficiencies at the activity, work center, or individual technician level. Refresher training is concentrated where needed to improve identified skill and knowledge shortfalls. MTIP will be replaced by Aviation Maintenance In-Service Training (AMIST) in Fiscal Year (FY) 00.

        b. Aviation Maintenance In-Service Training. AMIST is intended to support the Fleet training requirements now satisfied by MTIP, and in that sense is the planned replacement. However, it is structured very differently, and will function as an integral part of the new Aviation Maintenance Training Continuum System (AMTCS) that will replace the existing aviation maintenance training structure. AMIST will provide standardized instruction to bridge the training gaps between initial and career training. With the implementation of AMIST, the technician will be provided the training required to maintain a level of proficiency necessary to effectively perform the required tasks to reflect a career progression. AMIST will begin when funding becomes available in FY00.

        c. Aviation Maintenance Training Continuum System. AMTCS will redesign the aviation training process (training continuum), and introduce Computer-Based Training (CBT) throughout the Navy technical training process. The application and adoption of recent advances in computer hardware and software technology have enabled CBT with its basic elements of Computer Managed Instruction, Computer Aided Instruction, and Interactive Courseware to be integrated into the training continuum and provide essential support for standardizing technical training.

     2. Personnel Qualification Standards. Personnel Qualification Standards (PQS) have been developed for all aircrew personnel as required as reflected in the appropriate Naval Air Training and Operating Procedures Standardization (NATOPS) syllabus and yearly recertification. PQS for maintenance personnel will not be developed.

     3. Other On-Board or In-Service Training Packages. Marine Corps on-board training is based on the current series of MCO P4790.12, Individual Training Standards System and Maintenance Training Management and Evaluation Program (MATMEP). This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2 series, maintenance training requirements. It is a performance-based, standardized, level-progressive, documentable, training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements of each MOS. MTIP questions coupled to MATMEP tasks will help identify training deficiencies that can be enhanced with refresher training. (MATMEP will be replaced by AMTCS in approximately FY02.)

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers

CONTRACT NUMBERS	MANUFACTURER	ADDRESS
N00019-92-C-0095 N00019-81-C-0004 N00019-82-C-0222 N00019-84-C-0188 N00019-88-C-0094 N00019-89-C-0180 N00163-94-D-0021	Allied Signal Aerospace Company	Bendix Communications Division 1300 East Joppa Road Baltimore, MD 21204

2. Program Documentation. The initial Integrated Logistics Support Plan (ILSP) was issued 15 September 1980. The current revised ILSP is dated 30 May 1995.

3. Technical Data Plan. The Technical Data Plans at the three levels of maintenance are as follows:

a. Organizational. Organizational level technical data on the AN/APX-100(V) is contained in the organizational maintenance manuals for each aircraft and surface craft. Organizational level maintenance manuals are currently available through the Naval Air Technical Data and Engineering Service Command (NATEC).

b. Intermediate. The Army and the Navy have developed a technical manual with an illustrated parts breakdown for intermediate level maintenance for joint use. The Navy publication number for the AN/APX-100(V) Intermediate Maintenance Manual is AE-230AA-MIB-000, dated 15 Aug 1998. NATEC distribution began in June 1999.

c. Depot. No depot level maintenance manual has been developed. The NAVAVNDEPOT North Island employees have developed their own information system in lieu of a published depot maintenance manual.

4. Test Sets, Tools, and Test Equipment. The test equipment described below is required for functional testing and fault isolation, and is currently available to the fleet.

a. Organizational. Organizational level support equipment consists of the AN/APM-378 Transponder Test Set with the AS-3324/APM-378 Diversity Antenna or the AN/APM-424(V)2 Transponder Test Set.

b. Intermediate. Intermediate level support equipment consists of the AN/UPM-155 IFF Radar Test, AN/APM-421 IFF Test Set, the Fluke 8800A/AA Digital Multimeter, the AN/USM-425 (V)1 Oscilloscope, and the Hewlett-Packard 214A Pulse Generator.

c. Depot. The AN/USM-467 Radar/Communications (RADCOM) is employed at the depot level as Automatic Test Equipment. Depot training requirements are identified in the AN/USM-467 RADCOM NTSP, A-50-8710A/A dated 20 July 1993.

5. Repair Parts. The Navy is the Primary Inventory Control Activity (PICA) in the procurement of the AN/APX-100(V). The Naval Inventory Control Point, located in Mechanicsburg, Pennsylvania, performs the PICA functions and provisions the necessary spares and repair parts. The Material Support Date was achieved 1 October 1984.

6. Human Systems Integration. NA

K. SCHEDULES

1. Installation and Delivery Schedules

a. Aircraft. The AN/APX-100(V) is currently installed in the following aircraft during production; this includes the trainer and pre-production models:

- RC-12F/M
- UC-12F/M
- C-20D/GIV
- E-2C (Group II)
- F-14D
- F/A-18A/B
- F/A-18C/D
- F/A-18E/F
- AH-1W
- HH-60H
- SH-60B
- SH-60F
- T-45A
- AV-8B
- V-22A

b. Surface Craft. The AN/APX-100(V) is installed on several types of special purpose surface vessels, including the LCAC, LCU, MK5 Special Forces Sea Craft, RIB, PC, and TWR during production. Retrofit installation on fleet surface craft has been completed.

2. Ready For Operational Use Schedule. All AN/APX-100(V) systems are ready for operational use upon completion of the installation.

3. Time Required to Install at Operational Sites. Installation time is approximately two hours.

4. Foreign Military Sales and Other Source Delivery Schedule. The United States Army, Air Force, and Coast Guard employ several configurations of the AN/APX-100(V) in various aircraft. The Navy is the lead service for procurement of the AN/APX-100(V). FMS of the AN/APX-100(V) includes over 50 nations; many with only one or two units procured and others with the number of units procured dependent upon the specific aircraft procurements. For additional information concerning FMS or other military procurements, contact the Program Manager, PMA209.

5. Training Device and Technical Training Equipment Delivery Schedule. For organizational maintenance, the appropriate configuration of the AN/APX-100(V) and control unit, when applicable, have been delivered to the MTU and FREST activities for use as TTE. The intermediate maintenance training courses employ two receiver-transmitter configurations and a control unit as TTE, which have been delivered. Refer to Part IV.A.1 of this NTSP for the detailed delivery schedule.

L. GOVERNMENT FURNISHED EQUIPMENT AND CONTRACTOR FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
AIMS Mark XII Identification Friend or Foe	E-30-7115D/D	PMA213	Draft Mar 99
AH-1W Aircraft	A-50-8520D/A	PMA276	Approved Feb 96
AN/TPX-42A(V)5 DAIR and (V)10 RATCF DAIR	E-50-8502/A	PMA213	Approved Jan 94
AN/UPX-29(V) Interrogator System	E-30-7815C/A	PMA213	Approved Apr 96

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
AN/UPX-30(V) Central Identification Friend or Foe/Automatic Identification System	E-30-8407B/D	PMA213	Draft May 95
AV-8B Harrier II Plus Weapons System	A-50-8201C/D	PMA257	Draft Aug 98
E-2C Aircraft	A-50-8716D/A	PMA231	Approved Dec 97
F-14A, F-14B, and F-14D Aircraft	A-50-8511B/D	PMA241	Draft Aug 98
F/A-18C/D Aircraft Weapons System	A-50-7703F/A	PMA265	Approved Jan 97
F/A-18E/F Weapon System	A-50-9201A	PMA265	Approved Apr 95
HH-60H Combat Search and Rescue – Special Warfare Support Helicopter	A-50-8714B/A	PMA299	Approved Dec 93
KC-130T Aircraft	A-50-8423/A	PMA200	Approved Jun 85
Light Airborne Multi-Purpose System MK-III Part B, Aircraft Subsystem	A-50-7702C/P	PMA299	Proposed Jul 92
SH-60F Carrier Inner Zone Anti-Submarine Warfare Helicopter	A-50-8508D/D	PMA299	Draft Nov 98
V-22 Osprey Joint Training Plan	A-50-8412D/D	PMA275	Draft Mar 99
AN/USM-467 Weapon System Test Station, RADCOM	A-50-8710A/P	PMA260	Approved Jul 93
AN/APX-100 ILSP	No Number Assigned	PMA209	Revised May 95

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the AN/APX-100(V) Transponder Set and, therefore, are not included in Part II of this NTSP:

II.A.   Billet Requirements

    II.A.2.a.   Operational and Fleet Support Activity Deactivation Schedule

    II.A.2.b.   Billets to be deleted in Operational and Fleet Support Activities

    II.A.2.c.   Total Billets to be deleted in Operational and Fleet Support Activities

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: Total Force Manpower Management System   **DATE:**   4/12/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
OPERATIONAL ACTIVITY		NAVY					
AH-1W	(RT-1558A/RT-1285A/B)	238				11	
AV-8B	(RT-1157A/B)	*284					
C-20D/GIV	(RT-1296A/B)	*7					
C-130T	(RT-1157A/B)	*33					
E-2C (Group II)	(RT-1157A/B)	*63	4	4	4	4	
F/A-18 Series	(RT-1157A/B)	964					
F-14D	(RT-1296A/B)	*101					
HH-60H, SH-60B/F	(RT-1284A/B)	337	18	18	18	18	
KC-130T	(RT-1157A/B)	*10					
RC-12F/M	(RT-1284A/B)	2					
T-45A	(RT-1157A/B)	91	15	15	15	15	
UC-12F	(RT-1284A/B)	7					
UC-12M	(RT-1558)	8					
V-22A	(RT-1471)	4					
LCAC	(RT-1285B)	74					
LCU	(RT-1285A)	35					
MK5	(RT-1285A)	**20 (Special Forces Sea Craft)					
PC	(RT-1285B)	**13					
RIB	(RT-1285A/RT-1558)	**36					
TWR	(RT-1285A)	**19					

*   These numbers are based on aircraft deliveries in FY99 and prior. This information was obtained from the Aircraft Weapon System Planning Documents.

**   These numbers are based on surface craft deliveries in FY99 and prior. This information was obtained from Naval Sea Systems Command (NAVSEA) personnel at the specific Surface Craft Program Offices.

Note: The numbers depicted in Prior Years (without an asterisk) and after are AN/APX-100 (V) deliveries to the aircraft manufacturers, not aircraft deliveries.

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: Total Force Manpower Management System   DATE: 4/12/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
OPERATIONAL ACTIVITIES - NAVY							
CV 67	03367	1	0	0	0	0	0
CVN 71	21247	1	0	0	0	0	0
HCS 4	53811	1	0	0	0	0	0
HM 14	53827	1	0	0	0	0	0
HM 15	55201	1	0	0	0	0	0
HMX-1	55173	1	0	0	0	0	0
HSL 94	44493	1	0	0	0	0	0
LHA 2	20632	1	0	0	0	0	0
LHA 4	20725	1	0	0	0	0	0
LHD 1	21560	1	0	0	0	0	0
LHD 3	21700	1	0	0	0	0	0
LHD 4	21808	1	0	0	0	0	0
LHD 5	21879	1	0	0	0	0	0
VAQ 209	53870	1	0	0	0	0	0
VAW 78	09102	1	0	0	0	0	0
VF 201	09309	1	0	0	0	0	0
VP 10	09639	1	0	0	0	0	0
VP 16	09229	1	0	0	0	0	0
VP 26	09610	1	0	0	0	0	0
VP 45	09665	1	0	0	0	0	0
VP 5	09630	1	0	0	0	0	0
VP 62	09162	1	0	0	0	0	0
VP 64	09172	1	0	0	0	0	0
VP 8	09661	1	0	0	0	0	0
VP 92	09146	1	0	0	0	0	0
VR 53	55617	1	0	0	0	0	0
VR 62	09324	1	0	0	0	0	0
ABFC	49738	1	0	0	0	0	0
CV 63	03363	1	0	0	0	0	0
CV 64	03364	1	0	0	0	0	0
CVN 70	20993	1	0	0	0	0	0
FMP MMF	68704	1	0	0	0	0	0
HCS 5	53812	1	0	0	0	0	0
HSL 84	09055	1	0	0	0	0	0
LHA 1	20550	1	0	0	0	0	0
LHA 3	20633	1	0	0	0	0	0
LHA 5	20748	1	0	0	0	0	0
LHD 2	21533	1	0	0	0	0	0
LHD 6	22202	1	0	0	0	0	0
NAVAIRES	44489	1	0	0	0	0	0
VP 1	09618	1	0	0	0	0	0
VP 4	09623	1	0	0	0	0	0
VP 40	09674	1	0	0	0	0	0
VP 46	09632	1	0	0	0	0	0
VP 47	09600	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: Total Force Manpower Management System   **DATE:** 4/12/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
VP 65	09173	1	0	0	0	0	0
VP 69	09989	1	0	0	0	0	0
VP 9	09644	1	0	0	0	0	0
VP 91	09305	1	0	0	0	0	0
VPU 2	09244	1	0	0	0	0	0
VQ 1 DET	09081	1	0	0	0	0	0
VR 55	53855	1	0	0	0	0	0
TOTAL		**52**	**0**	**0**	**0**	**0**	**0**
OPERATIONAL ACTIVITIES - USMC							
HMH (-)/ HMH-461 Det A (Group)	53905	1	0	0	0	0	0
HMH 772	09480	1	0	0	0	0	0
HMLA 773 (-)	67826	1	0	0	0	0	0
HMLA 773 Det	09472	1	0	0	0	0	0
HMLA/ HMLA-269 (Group)	08998	1	0	0	0	0	0
HMM (T) 164	33333	1	0	0	0	0	0
HMM 774	09403	1	0	0	0	0	0
VMA (-) VMA-311 (Group)	09416	1	0	0	0	0	0
VMAQ-2 (Group)	53843	1	0	0	0	0	0
VMFA 142	08966	1	0	0	0	0	0
VMFA 321	67815	1	0	0	0	0	0
VMFA CV Deployment	44444	1	0	0	0	0	0
VMFA (AW) - 242 (Group)	09668	1	0	0	0	0	0
VMGR -234	08344	1	0	0	0	0	0
VMR-1	67879	1	0	0	0	0	0
VMR-2	98839	1	0	0	0	0	0
VMU (Group)	01480	1	0	0	0	0	0
HMH 769	09487	1	0	0	0	0	0
HMLA 775	55252	1	0	0	0	0	0
HMLA 775 Det A	09415	1	0	0	0	0	0
HMM (Group)	09405	1	0	0	0	0	0
HMM 764	09402	1	0	0	0	0	0
HMT-301	52843	1	0	0	0	0	0
VAQ-129	09995	1	0	0	0	0	0
VMFA -112	08954	1	0	0	0	0	0
VMFA -212 (Group)	09434	1	0	0	0	0	0
VMFA-134	09365	1	0	0	0	0	0
VMGR 234	08344	1	0	0	0	0	0
VMGR 452	55215	1	0	0	0	0	0
TOTAL		**29**	**0**	**0**	**0**	**0**	**0**
FLEET SUPPORT ACTIVITIES - NAVY							
ABFC FM	68822	1	0	0	0	0	0
AIMD SIG	44374	1	0	0	0	0	0
Fleet Maritime Maintenance	68783	1	0	0	0	0	0
LHD 71	23027	1	0	0	0	0	0
NAF Washington	44492	1	0	0	0	0	0
NAMTRAGRU DET 1007	66045	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
NAMTRAGRU DET 1007 F-14D	66045	1	0	0	0	0	0
NAMTRAGRU DET 1011	66051	1	0	0	0	0	0
NAMTRAGRU DET 1026 E-2C Career	66046	1	0	0	0	0	0
NAMTRAGRU DET 1039 F/A-18 Initial	66045	1	0	0	0	0	0
NAMTRAGRU DET 1066 SH-60B LAMPS	66069	1	0	0	0	0	0
NAMTRAGRU DET 1068 SH-60F/HH-60H	66051	1	0	0	0	0	0
NAS Atlanta	44486	1	0	0	0	0	0
NAS Brunswick	44314	1	0	0	0	0	0
NAS Cecil Field	44315	1	0	0	0	0	0
NAS Corpus Christi	30244	1	0	0	0	0	0
NAS Jacksonville	44319	1	0	0	0	0	0
NAS Keflavick	44335	1	0	0	0	0	0
NAS Key West	44320	1	0	0	0	0	0
NAS New Orleans	44490	1	0	0	0	0	0
NAS Norfolk	46966	1	0	0	0	0	0
NAS Norfolk	44325	1	0	0	0	0	0
NAS Oceana	44327	1	0	0	0	0	0
NAS Sigonella	44330	1	0	0	0	0	0
NAS Willow Grove	44493	1	0	0	0	0	0
NAVAIRWEPSCTR	35679	1	0	0	0	0	0
NAVSTA Puerto Rico	44373	1	0	0	0	0	0
NAVTESTEVAL	39782	1	0	0	0	0	0
NS Mayport	45459	1	0	0	0	0	0
VMAT-203 FREST AV-8B Initial	66047	1	0	0	0	0	0
VR 54	52895	1	0	0	0	0	0
MTU - 1038	66060	1	0	0	0	0	0
NAF ATS	44323	1	0	0	0	0	0
NAF Misawa	44331	1	0	0	0	0	0
NAMTRAGRU DET 1025 E-2C Career	66064	1	0	0	0	0	0
NAMTRAGRU DET 1038 F/A-18 E/F	66060	1	0	0	0	0	0
NAMTRAGRU DET 1038 F/A-18 Initial	66060	1	0	0	0	0	0
NAMTRAGRU DET 1039 F/A-18 E/F	66045	1	0	0	0	0	0
NAMTRAGRU DET 1067 SH-60B LAMPS	66065	1	0	0	0	0	0
NAMTRAGRU DET 1069 SH-60F/HH-60H	66065	1	0	0	0	0	0
NAS Barbers Point	44312	1	0	0	0	0	0
NAS Fallon	44317	1	0	0	0	0	0
NAS Lemoore	44321	1	0	0	0	0	0
NAS Lemoore	46964	1	0	0	0	0	0
NAS Miramar	46962	1	0	0	0	0	0
NAS North Island	44326	1	0	0	0	0	0
NAS Point Mugu	45113	1	0	0	0	0	0
NAS Whidbey Island	31179	1	0	0	0	0	0
NAS Whidbey Island	44329	1	0	0	0	0	0
NAVAIRES North Island	09296	1	0	0	0	0	0
NAVSUPPACT Diego Garcia	44337	1	0	0	0	0	0
NAWCWP Point Mugu	63126	1	0	0	0	0	0
TOTAL		52	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

SOURCE: Total Force Manpower Management System   **DATE:**   4/12/99

ACTIVITY, UIC		PFYs	CFY00	FY01	FY02	FY03	FY04
FLEET SUPPORT ACTIVITIES - USMC							
CH-46 FREST, MAG-26, 2nd MAW	09506	1	0	0	0	0	0
H&HS MCAS Beaufort	02031	1	0	0	0	0	0
MATSG Pensacola	63093	1	0	0	0	0	0
VMAT-203	09821	1	0	0	0	0	0
VMAT-203 FREST AV-8B Career	66047	1	0	0	0	0	0
VMAT-204 FREST V-22	22022	1	0	0	0	0	0
VMGRT-253	01247	1	0	0	0	0	0
VMGRT-253 KC-130	55251	1	0	0	0	0	0
VMMT-204	11111	1	0	0	0	0	0
H&HS MCAS Iwakuni	02501	1	0	0	0	0	0
H&HS MCSA Yuma	02230	1	0	0	0	0	0
HMT-302	44327	1	0	0	0	0	0
HMT-303	55176	1	0	0	0	0	0
HMT-303 FREST H-1	66063	1	0	0	0	0	0
VMFAT-101	09965	1	0	0	0	0	0
TOTAL		15	0	0	0	0	0

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
OPERATIONAL ACTIVITIES - NAVY					
CV 67, 03367					
ACDU	0	1	ATAN	6609	6607
ACTIVITY TOTAL	0	1			
CVN 71, 21247					
ACDU	0	1	ATAN	6609	6607
ACTIVITY TOTAL	0	1			
HCS 4, 53811					
TAR	0	1	AT2	6611	6609
ACTIVITY TOTAL	0	1			
HM 14, 53827					
ACDU	0	1	AT2	6611	6609
TAR	0	1	AT2	6611	6609
ACTIVITY TOTAL	0	2			
HM 15, 55201					
ACDU	0	1	AT2	6611	6609
TAR	0	1	AT2	6611	6609
ACTIVITY TOTAL	0	2			
HMX 1, 55173					
USMC	0	2	LCPL	6413	
ACTIVITY TOTAL	0	2			
HSL 94, 44493					
TAR	0	1	AT2	6611	6609
ACTIVITY TOTAL	0	1			
LHA 2, 20632					
ACDU	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
LHA 4, 20725					
ACDU	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
LHD 1, 21560					
ACDU	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
LHD 3, 21700					
ACDU	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
LHD 4, 21808					
ACDU	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
LHD 5, 21879					
ACDU	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
VAQ 209, 53870					
SELRES	0	1	AT2	6609	
ACTIVITY TOTAL	0	1			
VAW 78, 09102					
TAR	0	1	AT3	6609	
ACTIVITY TOTAL	0	1			
VF 201, 09309					
SELRES	0	1	ATAN	6611	6609
ACTIVITY TOTAL	0	1			
VP 10, 09639					
ACDU	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	1			
VP 16, 09229					
ACDU	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	1			
VP 26, 09610					
ACDU	0	1	ATAN	6717	6609
ACTIVITY TOTAL	0	1			
VP 45, 09665					
ACDU	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VP 5, 09630					
ACDU	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	1			
VP 62, 09162					
TAR	0	1	AT3	6613	6609
ACTIVITY TOTAL	0	1			
VP 64, 09172					
SELRES	0	1	ATAN	6611	6609
ACTIVITY TOTAL	0	1			
VP 8, 09661					
ACDU	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	1			
VP 92, 09146					
TAR	0	1	ATAN	6611	6609
ACTIVITY TOTAL	0	1			
VR 53, 55617					
TAR	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
VR 62, 09324					
TAR	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
ABFC, 49738					
SELRES	0	2	AT2	6717	6609
ACTIVITY TOTAL	0	2			
CV 63, 03363					
ACDU	0	1	AT1	6609	
	0	1	AT2	6611	6609
	0	1	ATAN	6609	
	0	1	ATAN	6611	6609
ACTIVITY TOTAL	0	4			
CV 64, 03364					
ACDU	0	1	ATAN	6609	6607
ACTIVITY TOTAL	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
CVN 70, 20993					
ACDU	0	1	ATAN	6609	6607
ACTIVITY TOTAL	0	1			
FMP MMF, 68704					
SELRES	0	2	AT2	6717	6609
ACTIVITY TOTAL	0	2			
HCS 5, 53812					
SELRES	0	1	AT2	6611	6609
ACTIVITY TOTAL	0	1			
HSL 84, 09055					
TAR	0	1	AT2	6611	6609
ACTIVITY TOTAL	0	1			
LHA 1, 20550					
ACDU	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
LHA 3, 20633					
ACDU	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
LHA 5, 20748					
ACDU	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
LHD 2, 21533					
ACDU	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
LHD 6, 22202					
ACDU	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
NAVAIRES, 44489					
ACDU	0	1	AT3	6609	
	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VP 1, 09618					
ACDU	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	1			
VP 4, 09623					
ACDU	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	1			
VP 40, 09674					
ACDU	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	1			
VP 46, 09632					
ACDU	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	1			
VP 47, 09600					
ACDU	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	1			
VP 65, 09173					
TAR	0	1	ATAN	6611	6609
ACTIVITY TOTAL	0	1			
VP 69, 09989					
TAR	0	1	ATAN	6611	6609
ACTIVITY TOTAL	0	1			
VP 9, 09644					
ACDU	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	1			
VP 91, 09305					
ACDU	0	1	AT3	6613	6609
ACTIVITY TOTAL	0	1			
VPU 2, 09244					
ACDU	0	1	ATAN	6609	6717
ACTIVITY TOTAL	0	1			
VQ 1 DET, 09081					
ACDU	0	1	AT2	6612	6609
ACTIVITY TOTAL	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VR 55, 53855					
TAR	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
OPERATIONAL ACTIVITIES - USMC					
HMH (-)/ HMH-461 Det A (Group), 53905					
USMC	0	12	LCPL	6413	
	0	12	SGT	6413	
ACTIVITY TOTAL	0	24			
HMH 772, 09480					
USMC	0	2	LCPL	6413	
ACTIVITY TOTAL	0	2			
HMLA 773 (-), 67826					
USMC	0	1	LCPL	6413	
	0	1	SGT	6413	
AR	0	1	LCPL	6413	
	0	1	SGT	6413	
ACTIVITY TOTAL	0	4			
HMLA 773 Det, 09472					
USMC	0	1	SGT	6413	
AR	0	1	LCPL	6413	
ACTIVITY TOTAL	0	2			
HMLA/ HMLA-269 (Group), 08998					
USMC	0	18	LCPL	6413	
	0	18	SGT	6413	
ACTIVITY TOTAL	0	36			
HMM (T) 164, 09408					
USMC	0	3	CPL	6413	
	0	2	LCPL	6413	
ACTIVITY TOTAL	0	5			
HMM 774, 09403					
USMC	0	1	LCPL	6413	
	0	1	SGT	6413	
AR	0	1	CPL	6413	
ACTIVITY TOTAL	0	3			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMA (-) VMA-311 (Group), 09416					
USMC	0	14	CPL	6413	
	0	14	LCPL	6413	
	0	7	LCPL	6422	6413
ACTIVITY TOTAL	0	35			
VMAQ-2 (Group), 53843					
USMC	0	4	CPL	6413	
	0	4	LCPL	6413	
ACTIVITY TOTAL	0	8			
VMFA 142, 08966					
USMC	0	1	LCPL	6413	
ACTIVITY TOTAL	0	1			
VMFA 321, 67815					
USMC	0	1	LCPL	6413	
ACTIVITY TOTAL	0	1			
VMFA CV Deployment, 00000					
USMC	0	8	LCPL	6413	
ACTIVITY TOTAL	0	8			
VMFA (AW) 242 (Group), 09668					
USMC	0	6	CPL	6413	
	0	12	LCPL	6413	
ACTIVITY TOTAL	0	18			
VMGR 234, 08344					
USMC	0	6	CPL	6413	
	0	12	LCPL	6413	
ACTIVITY TOTAL	0	18			
VMR 1, 67879					
USMC	0	1	CPL	6413	
ACTIVITY TOTAL	0	1			
VMR 2, 98839					
USMC	0	1	CPL	6413	
ACTIVITY TOTAL	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMU 1 (Group), 01480					
USMC	0	2	CPL	6413	
ACTIVITY TOTAL	0	2			
HMH 769, 09487					
USMC	0	2	LCPL	6413	
ACTIVITY TOTAL	0	2			
HMLA 775, 55252					
USMC	0	2	LCPL	6413	
	0	2	SGT	6413	
ACTIVITY TOTAL	0	4			
HMLA 775 Det A, 09415					
USMC	0	1	SGT	6413	
AR	0	1	LCPL	6413	
ACTIVITY TOTAL	0	2			
HMM (Group), 09405					
USMC	0	15	CPL	6413	
	0	15	SGT	6413	
ACTIVITY TOTAL	0	30			
HMM 764, 09402					
USMC	0	1	CPL	6413	
	0	1	LCPL	6413	
	0	1	SGT	6413	
ACTIVITY TOTAL	0	3			
HMT 301, 52843					
USMC	0	1	CPL	6413	
	0	2	LCPL	6413	
ACTIVITY TOTAL	0	3			
VAQ 129, 09995					
USMC	0	1	SGT	6413	
ACTIVITY TOTAL	0	1			
VMFA 112, 08954					
USMC	0	1	LCPL	6413	
ACTIVITY TOTAL	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VMFA 212 (Group), 09434					
USMC	0	4	LCPL	6413	
ACTIVITY TOTAL	0	4			
VMFA 134, 09365					
USMC	0	1	LCPL	6413	
ACTIVITY TOTAL	0	1			
VMGR 234, 08344					
USMC	0	2	CPL	6413	
	0	1	LCPL	6413	
AR	0	3	LCPL	6413	
ACTIVITY TOTAL	0	6			
VMGR 452, 55215					
USMC	0	2	CPL	6413	
	0	1	LCPL	6413	
AR	0	3	LCPL	6413	
ACTIVITY TOTAL	0	6			
FLEET SUPPORT ACTIVITIES - NAVY					
ABFC FM, 68822					
SELRES	0	2	AT2	6717	6609
ACTIVITY TOTAL	0	2			
AIMD Sigonella, 44374					
ACDU	0	2	AT2	6609	
ACTIVITY TOTAL	0	2			
FLEET MARITIME MAINT, 68783					
SELRES	0	1	AT3	6609	6611
ACTIVITY TOTAL	0	1			
LHD 71, 23027					
ACDU	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
NAF Washington, 44492					
TAR	0	1	AT3	6609	6613
	0	1	ATAN	6613	6609
ACTIVITY TOTAL	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAMTRAGRU DET 1007, 66045					
ACDU	0	2	AT1	6609	9502
ACTIVITY TOTAL	0	2			
NAMTRAGRU DET 1011, 66051					
ACDU	0	1	AT1	6609	9502
	0	1	AT2	6609	9502
ACTIVITY TOTAL	0	2			
NAS Atlanta, 44486					
TAR	0	2	AT3	6609	
ACTIVITY TOTAL	0	2			
NAS Brunswick, 44314					
ACDU	0	1	AT2	6717	6609
	0	2	AT3	6609	
ACTIVITY TOTAL	0	3			
NAS Cecil Field, 44315					
ACDU	0	1	AT3	6609	
	0	1	ATAN	6609	
ACTIVITY TOTAL	0	2			
NAS Corpus Christi, 30244					
ACDU	0	1	AT2	6609	
ACTIVITY TOTAL	0	1			
NAS Jacksonville, 44319					
ACDU	0	1	AT1	6609	
	0	1	AT2	6609	
	0	1	AT2	6609	9527
	0	5	AT3	6609	
	0	2	ATAN	6609	
ACTIVITY TOTAL	0	10			
NAS Keflavick, 44335					
ACDU	0	1	AT3	6609	
ACTIVITY TOTAL	0	1			
NAS Key West, 44320					
ACDU	0	1	AT1	6609	9527
ACTIVITY TOTAL	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS		DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
	OFF	ENL			
NAS New Orleans, 44490					
TAR	0	1	AT2	6609	9526
	0	1	AT3	6611	6609
	0	1	ATAN	6609	
ACTIVITY TOTAL	0	3			
NAS Norfolk, 44325					
ACDU	0	1	AT1	6609	
	0	1	AT2	6607	6609
	0	1	AT2	6609	6608
	0	5	AT2	6611	6609
	0	1	AT2	6611	6609
	0	1	AT2	6612	6609
	0	1	AT3	6609	6612
	0	1	AT3	6612	6609
ACTIVITY TOTAL	0	12			
NAS Oceana, 44327					
ACDU	0	2	AT2	6609	
	0	3	AT3	6609	
ACTIVITY TOTAL	0	5			
NAS Sigonella, 44330					
ACDU	0	1	AT2	6609	6613
	0	1	AT3	6609	
	0	1	ATAN	6609	
ACTIVITY TOTAL	0	3			
NAS Willow Grove, 44493					
TAR	0	1	AT2	6609	
ACTIVITY TOTAL	0	1			
NAVAIRWEPSCTR, 35679					
ACDU	0	1	AT2	6611	6609
	0	1	AT3	6609	6613
ACTIVITY TOTAL	0	2			
NAVSTA Puerto Rico, 44373					
ACDU	0	3	AT3	6609	
ACTIVITY TOTAL	0	3			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAVTESTEVAL, 39782					
ACDU	0	1	AT1	6609	
	0	1	AT2	6609	
ACTIVITY TOTAL	0	2			
NS Mayport, 45459					
ACDU	0	1	AT1	6609	
	0	1	AT2	6609	9527
	0	1	AT3	6609	
	0	1	ATAN	6609	
ACTIVITY TOTAL	0	4			
VR 54, 52895					
TAR	0	1	ATAN	6609	
ACTIVITY TOTAL	0	1			
MTU - 1038, 66060					
ACDU	0	2	AT1	6609	9502
ACTIVITY TOTAL	0	2			
NAF ATS, 44323					
ACDU	0	1	AT3	6609	
ACTIVITY TOTAL	0	1			
NAF Misawa, 44331					
ACDU	0	1	AT2	6612	6609
	0	2	AT3	6609	
	0	1	ATAN	6609	
ACTIVITY TOTAL	0	4			
NAS Barbers Point, 44312					
ACDU	0	2	AT2	6609	
ACTIVITY TOTAL	0	2			
NAS Fallon, 44317					
ACDU	0	1	AT3	6609	6607
ACTIVITY TOTAL	0	1			
NAS Lemoore, 44321					
ACDU	0	1	ATAN	6609	
	0	4	ATAN	6609	
ACTIVITY TOTAL	0	5			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAS Miramar, 46962					
ACDU	0	4	AT2	6611	6609
ACTIVITY TOTAL	0	4			
NAS North Island, 44326					
ACDU	0	1	AT1	6609	
	0	2	AT2	6609	
	0	1	AT2	6609	9527
	0	1	AT2	6611	6609
	0	1	AT3	6609	
	0	1	AT3	6609	9527
	0	2	ATAN	6609	
ACTIVITY TOTAL	0	9			
NAS Point Mugu, 45113					
ACDU	0	1	AT2	6607	6609
	0	1	AT2	6609	
	0	1	AT3	6609	6605
ACTIVITY TOTAL	0	3			
NAS Whidbey Island, 44329					
ACDU	0	1	AT1	6609	
ACDU	0	1	AT2	6609	
	0	5	ATAN	6607	6609
ACTIVITY TOTAL	0	7			
NAVAIRES North Island, 09296					
TAR	0	1	AT2	6611	6609
ACTIVITY TOTAL	0	1			
NAVSUPPACT Diego Garcia, 44337					
ACDU	0	1	AT1	6609	
	0	1	AT1	6609	9503
	0	1	AT3	6609	
ACTIVITY TOTAL	0	3			
NAWCWP Point Mugu, 63126					
SELRES	0	1	AT2	6609	
ACTIVITY TOTAL	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
FLEET SUPPORT ACTIVITIES - USMC					
CH-46 FREST, MAG-26, 2nd MAW, 09506					
USMC	0	1	SGT	6413	
ACTIVITY TOTAL	0	1			
H&HS MCAS Beaufort, 02031					
USMC	0	1	CPL	6413	
ACTIVITY TOTAL	0	1			
MATSG Pensacola, 63093					
USMC	0	1	LCPL	6413	
	0	2	SGT	6413	
ACTIVITY TOTAL	0	3			
VMAT 203, 09821					
USMC	0	2	CPL	6413	
	0	5	LCPL	6413	
	0	4	SGT	6413	
ACTIVITY TOTAL	0	11			
VMGRT 253, 01247					
USMC	0	1	CPL	6413	
	0	3	LCPL	6413	
ACTIVITY TOTAL	0	4			
VMMT 204, 52842					
USMC	0	2	CPL	6413	
	0	3	LCPL	6413	
	0	2	SGT	6413	
ACTIVITY TOTAL	0	7			
H&HS MCAS Iwakuni, 02501					
USMC	0	1	CPL	6413	
ACTIVITY TOTAL	0	1			
H&HS MCSA Yuma, 02230					
USMC	0	1	CPL	6413	
ACTIVITY TOTAL	0	1			
HMT 302, 55203					
USMC	0	2	CPL	6413	
	0	6	LCPL	6413	
ACTIVITY TOTAL	0	8			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
HMT 303, 55176					
USMC	0	2	CPL	6413	
	0	3	LCPL	6413	
ACTIVITY TOTAL	0	5			
VMFAT 101, 09965					
USMC	0	3	CPL	6413	
	0	9	LCPL	6413	
ACTIVITY TOTAL	0	12			

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs OFF	PFYs ENL	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
NAVY OPERATIONAL ACTIVITIES - ACDU														
AT1	6609			1		0		0		0		0		0
AT2	6611	6609		3		0		0		0		0		0
AT2	6612	6609		1		0		0		0		0		0
AT3	6609			1		0		0		0		0		0
AT3	6613	6609		1		0		0		0		0		0
ATAN	6609			12		0		0		0		0		0
ATAN	6609	6607		4		0		0		0		0		0
ATAN	6609	6717		13		0		0		0		0		0
ATAN	6611	6609		1		0		0		0		0		0
ATAN	6717	6609		1		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - TAR														
AT2	6611	6609		5		0		0		0		0		0
AT3	6609			1		0		0		0		0		0
AT3	6613	6609		1		0		0		0		0		0
ATAN	6609			3		0		0		0		0		0
ATAN	6611	6609		3		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - SELRES														
AT2	6609			1		0		0		0		0		0
AT2	6611	6609		1		0		0		0		0		0
AT2	6717	6609		4		0		0		0		0		0
ATAN	6611	6609		2		0		0		0		0		0
NAVY OPERATIONAL ACTIVITIES - USMC														
LCPL	6413			2		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC														
CPL	6413			58		0		0		0		0		0
LCPL	6413			103		0		0		0		0		0
LCPL	6422	6413		7		0		0		0		0		0
SGT	6413			53		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - AR														
CPL	6413			1		0		0		0		0		0
LCPL	6413			9		0		0		0		0		0
SGT	6413			1		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - ACDU														
AT1	6609			7		0		0		0		0		0
AT1	6609	9502		5		0		0		0		0		0
AT1	6609	9503		1		0		0		0		0		0
AT1	6609	9527		1		0		0		0		0		0
AT2	6607	6609		2		0		0		0		0		0
AT2	6609			13		0		0		0		0		0
AT2	6609	6608		1		0		0		0		0		0
AT2	6609	6613		1		0		0		0		0		0
AT2	6609	9502		1		0		0		0		0		0
AT2	6609	9527		3		0		0		0		0		0
AT2	6611	6609		12		0		0		0		0		0
AT2	6612	6609		2		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
AT2	6717	6609		1		0		0		0		0		0
AT3	6609			22		0		0		0		0		0
AT3	6609	6605		1		0		0		0		0		0
AT3	6609	6607		1		0		0		0		0		0
AT3	6609	6612		1		0		0		0		0		0
AT3	6609	6613		1		0		0		0		0		0
AT3	6609	9527		1		0		0		0		0		0
AT3	6612	6609		1		0		0		0		0		0
ATAN	6607	6609		5		0		0		0		0		0
ATAN	6609			14		0		0		0		0		0
ATAN	6611	6609		0		0		0		0		0		0

NAVY FLEET SUPPORT ACTIVITIES - TAR

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
AT2	6609			1		0		0		0		0		0
AT2	6609	9526		1		0		0		0		0		0
AT2	6611	6609		1		0		0		0		0		0
AT3	6609			2		0		0		0		0		0
AT3	6609	6613		1		0		0		0		0		0
AT3	6611	6609		1		0		0		0		0		0
ATAN	6609			2		0		0		0		0		0
ATAN	6613	6609		1		0		0		0		0		0

NAVY FLEET SUPPORT ACTIVITIES - SELRES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS		PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
AT2	6609			1		0		0		0		0		0
AT2	6717	6609		2		0		0		0		0		0
AT3	6609	6611		1		0		0		0		0		0

USMC FLEET SUPPORT ACTIVITIES - USMC

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
CPL	6413		15		0		0		0		0		0
LCPL	6413		30		0		0		0		0		0
SGT	6413		9		0		0		0		0		0

SUMMARY TOTALS:

NAVY OPERATIONAL ACTIVITIES - ACDU

	PFYs	CFY00	FY01	FY02	FY03	FY04
	38	0	0	0	0	0

NAVY OPERATIONAL ACTIVITIES - TAR

	PFYs	CFY00	FY01	FY02	FY03	FY04
	13	0	0	0	0	0

NAVY OPERATIONAL ACTIVITIES - SELRES

	PFYs	CFY00	FY01	FY02	FY03	FY04
	8	0	0	0	0	0

NAVY OPERATIONAL ACTIVITIES - USMC

	PFYs	CFY00	FY01	FY02	FY03	FY04
	2	0	0	0	0	0

USMC OPERATIONAL ACTIVITIES - USMC

	PFYs	CFY00	FY01	FY02	FY03	FY04
	221	0	0	0	0	0

USMC OPERATIONAL ACTIVITIES - AR

	PFYs	CFY00	FY01	FY02	FY03	FY04
	11	0	0	0	0	0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
NAVY FLEET SUPPORT ACTIVITIES - ACDU			97		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - TAR			10		0		0		0		0		0
NAVY FLEET SUPPORT ACTIVITIES - SELRES			4		0		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - USMC			54		0		0		0		0		0

GRAND TOTALS:

DESIG/ RATING	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL
NAVY - ACDU		135		0		0		0		0		0
NAVY - TAR		23		0		0		0		0		0
NAVY - SELRES		12		0		0		0		0		0
NAVY - USMC		2		0		0		0		0		0
USMC - USMC		275		0		0		0		0		0
USMC - AR		11		0		0		0		0		0

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	ENL	CFY00 OFF	ENL	FY01 OFF	ENL	FY02 OFF	ENL	FY03 OFF	ENL	FY04 OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU 1007, NAMTRAGRU DET, NAS Oceana, 66045

INSTRUCTOR BILLETS

ACDU

AT1	6609 9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	2	0	2	0	2	0	2	0	2	0	2

TRAINING ACTIVITY, LOCATION, UIC: MTU 1011, NAMTRAGRU DET, NAS Jacksonville, 66051

INSTRUCTOR BILLETS

ACDU

AT1	6609 9502	0	1	0	1	0	1	0	1	0	1	0	1
AT2	6609 9502	0	1	0	1	0	1	0	1	0	1	0	1
TOTAL:		0	2	0	2	0	2	0	2	0	2	0	2

TRAINING ACTIVITY, LOCATION, UIC: MTU 1038 NAMTRAGRU DET, NAS Lemoore, 66060

INSTRUCTOR BILLETS

ACDU

AT1	6609 9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:		0	2	0	2	0	2	0	2	0	2	0	2

TRAINING ACTIVITY, LOCATION, UIC: VMAT-203 FREST, NAMTRAGRU DET, MCAS Cherry Point, 66047

INSTRUCTOR BILLETS

USMC

SGT	6413	0	4	0	4	0	4	0	4	0	4	0	4
TOTAL:		0	4	0	4	0	4	0	4	0	4	0	4

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs OFF	PFYs ENL	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
MTU 1007, NAMTRAGRU DET, NAS Oceana, 66045													
	NAVY		2.9		2.9		2.9		2.9		2.9		2.9
MTU 1011, NAMTRAGRU DET, NAS Jacksonville, 66051													
	NAVY		2.7		2.7		2.7		2.7		2.7		2.7
MTU 1038 NAMTRAGRU DET, NAS Lemoore, 66060													
	NAVY		4.0		4.0		4.0		4.0		4.0		4.0
VMAT-203 FREST, NAMTRAGRU DET, MCAS Cherry Point, 66047													
	USMC		12.8		12.8		12.8		12.8		12.8		12.8

SUMMARY TOTALS:

	USN/USMC	PFYs OFF	PFYs ENL	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
	NAVY		9.6		9.6		9.6		9.6		9.6		9.6
	USMC		12.8		12.8		12.8		12.8		12.8		12.8

GRAND TOTALS:

PFYs ENL	CFY00 ENL	FY01 ENL	FY02 ENL	FY03 ENL	FY04 ENL
22.4	22.4	22.4	22.4	22.4	22.4

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CUM	FY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM
a. OFFICER - USN			Not Applicable										
b. ENLISTED - USN													
Operational Billets ACDU and TAR													
AT1	6609		1	0	1	0	1	0	1	0	1	0	1
AT2	6611	6609	8	0	8	0	8	0	8	0	8	0	8
AT2	6612	6609	1	0	1	0	1	0	1	0	1	0	1
AT3	6609		2	0	2	0	2	0	2	0	2	0	2
AT3	6613	6609	2	0	2	0	2	0	2	0	2	0	2
ATAN	6609		15	0	15	0	15	0	15	0	15	0	15
ATAN	6609	6607	4	0	4	0	4	0	4	0	4	0	4
ATAN	6609	6717	13	0	13	0	13	0	13	0	13	0	13
ATAN	6611	6609	4	0	4	0	4	0	4	0	4	0	4
ATAN	6717	6609	1	0	1	0	1	0	1	0	1	0	1
Fleet Support Billets ACDU and TAR													
AT1	6609		7	0	7	0	7	0	7	0	7	0	7
AT1	6609	9502	5	0	5	0	5	0	5	0	5	0	5
AT1	6609	9503	1	0	1	0	1	0	1	0	1	0	1
AT1	6609	9527	1	0	1	0	1	0	1	0	1	0	1
AT2	6607	6609	2	0	2	0	2	0	2	0	2	0	2
AT2	6609		14	0	14	0	14	0	14	0	14	0	14
AT2	6609	6608	1	0	1	0	1	0	1	0	1	0	1
AT2	6609	6613	1	0	1	0	1	0	1	0	1	0	1
AT2	6609	9502	1	0	1	0	1	0	1	0	1	0	1
AT2	6609	9526	1	0	1	0	1	0	1	0	1	0	1
AT2	6609	9527	3	0	3	0	3	0	3	0	3	0	3
AT2	6611	6609	13	0	13	0	13	0	13	0	13	0	13
AT2	6612	6609	2	0	2	0	2	0	2	0	2	0	2
AT2	6717	6609	1	0	1	0	1	0	1	0	1	0	1
AT3	6609		24	0	24	0	24	0	24	0	24	0	24
AT3	6609	6605	1	0	1	0	1	0	1	0	1	0	1
AT3	6609	6607	1	0	1	0	1	0	1	0	1	0	1
AT3	6609	6612	1	0	1	0	1	0	1	0	1	0	1
AT3	6609	6613	2	0	2	0	2	0	2	0	2	0	2
AT3	6609	9527	1	0	1	0	1	0	1	0	1	0	1
AT3	6611	6609	1	0	1	0	1	0	1	0	1	0	1
AT3	6612	6609	1	0	1	0	1	0	1	0	1	0	1
ATAN	6607	6609	5	0	5	0	5	0	5	0	5	0	5
ATAN	6609		16	0	16	0	16	0	16	0	16	0	16
ATAN	6611	6609	0	0	0	0	0	0	0	0	0	0	0
ATAN	6613	6609	1	0	1	0	1	0	1	0	1	0	1
Staff Billets ACDU and TAR													
AT1	6609	9502	5	0	5	0	5	0	5	0	5	0	5
AT2	6609	9502	1	0	1	0	1	0	1	0	1	0	1
Chargeable Student Billets ACDU and TAR													
			10	0	10	0	10	0	10	0	10	0	10

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CUM	FY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM
SELRES Billets													
AT2	6609		2	0	2	0	2	0	2	0	2	0	2
AT2	6611	6609	1	0	1	0	1	0	1	0	1	0	1
AT2	6717	6609	6	0	6	0	6	0	6	0	6	0	6
AT3	6609	6611	1	0	1	0	1	0	1	0	1	0	1
ATAN	6611	6609	2	0	2	0	2	0	2	0	2	0	2
TOTAL USN ENLISTED BILLETS:													
Operational			51	0	51	0	51	0	51	0	51	0	51
Fleet Support			107	0	107	0	107	0	107	0	107	0	107
Staff			6	0	6	0	6	0	6	0	6	0	6
Chargeable Student			10	0	10	0	10	0	10	0	10	0	10
SELRES			12	0	12	0	12	0	12	0	12	0	12

c. OFFICER - USMC   Not Applicable

d. ENLISTED - USMC

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CUM	FY01 +/-	CUM	FY02 +/-	CUM	FY03 +/-	CUM	FY04 +/-	CUM
Operational Billets USMC and AR													
CPL	6413		59	0	59	0	59	0	59	0	59	0	59
LCPL	6413		114	0	114	0	114	0	114	0	114	0	114
LCPL	6422	6413	7	0	7	0	7	0	7	0	7	0	7
SGT	6413		54	0	54	0	54	0	54	0	54	0	54
Fleet Support Billets USMC and AR													
CPL	6413		15	0	15	0	15	0	15	0	15	0	15
LCPL	6413		30	0	30	0	30	0	30	0	30	0	30
SGT	6413		9	0	9	0	9	0	9	0	9	0	9
Staff Billets USMC and AR													
SGT	6413		4	4	8	4	12	4	16	4	20	4	24
Chargeable Student Billets USMC and AR													
			13	0	13	0	13	0	13	0	13	0	13

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY00 +/-	CFY00 CUM	FY01 +/-	FY01 CUM	FY02 +/-	FY02 CUM	FY03 +/-	FY03 CUM	FY04 +/-	FY04 CUM
TOTAL USMC ENLISTED BILLETS:													
Operational			234	0	234	0	234	0	234	0	234	0	234
Fleet Support			54	0	54	0	54	0	54	0	54	0	54
Staff			4	0	4	0	4	0	4	0	4	0	4
Chargeable Student			13	0	13	0	13	0	13	0	13	0	13

II.B. PERSONNEL REQUIREMENTS

II.B.1. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-102-6039, Electronics Identification Equipment Intermediate Maintenance
COURSE LENGTH: 9.4 Weeks   **TOUR LENGTH:** 36 Months
ATTRITION Navy: 10%   **BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
MTU 1007, NAMTRAGRU DET, NAS Oceana												
	NAVY	ACDU		14		14		14		14		14
		TAR		3		3		3		3		3
MTU 1011, NAMTRAGRU DET, NAS Jacksonville												
	NAVY	ACDU		12		12		12		12		12
		TAR		4		4		4		4		4
		SELRES		1		0		0		1		0
		TOTAL:		34		33		33		34		33

CIN, COURSE TITLE: E-102-6039, Electronics Identification Equipment Intermediate Maintenance
COURSE LENGTH: 9.4 Weeks   **TOUR LENGTH:** 36 Months
ATTRITION Navy: 10%   **BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
MTU 1038 NAMTRAGRU DET, NAS Lemoore												
	NAVY	ACDU		22		22		22		22		22
		TAR		2		2		2		2		2
		SELRES		1		1		1		1		1
		TOTAL:		25		25		25		25		25

CIN, COURSE TITLE: M-102-6413, Aircraft Navigation Systems Equipment Intermediate Maintenance
COURSE LENGTH: 9.4 Weeks   **TOUR LENGTH:** 36 Months
ATTRITION USMC: 0%   **BACKOUT FACTOR:** 0.0

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY00 OFF	CFY00 ENL	FY01 OFF	FY01 ENL	FY02 OFF	FY02 ENL	FY03 OFF	FY03 ENL	FY04 OFF	FY04 ENL
VMAT-203 FREST, NAMTRAGRU DET, MCAS Cherry Point												
	USMC	USMC		69		69		69		69		69
		AR		3		3		3		3		3
		TOTAL:		72		72		72		72		72

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the AN/APX-100 (V) Transponder Set and, therefore, are not included in Part III of this NTSP:

III.A.1.   Initial Training Requirements

III.A.2.   Follow-on Training

   III.A.2.b. Planned Courses

   III.A.2.c. Unique Courses

III.A.3.   Existing Training Phased Out

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-102-6039, Electronics Identification Equipment Intermediate Maintenance
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, Virginia, 66045

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	17		17		17		17		17	ATIR
	15		15		15		15		15	Output
	2.9		2.9		2.9		2.9		2.9	AOB
	2.9		2.9		2.9		2.9		2.9	Chargeable

TRAINING ACTIVITY: MTU 1011, NAMTRAGRU DET
LOCATION, UIC: NAS Jacksonville, Florida, 66051

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	16		16		16		16		16	ATIR
	14		14		14		14		14	Output
	2.7		2.7		2.7		2.7		2.7	AOB
	2.7		2.7		2.7		2.7		2.7	Chargeable

SOURCE: NAVY   **STUDENT CATEGORY:** SELRES

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		0		0		1		0	ATIR
	1		0		0		1		0	Output
	0.2		0.0		0.0		0.2		0.0	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: E-102-6039, Electronics Identification Equipment Intermediate Maintenance
TRAINING ACTIVITY: MTU 1038 NAMTRAGRU DET
LOCATION, UIC: NAS Lemoore, California, 66060

SOURCE: NAVY   **STUDENT CATEGORY:** ACDU - TAR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	24		24		24		24		24	ATIR
	22		22		22		22		22	Output
	4.0		4.0		4.0		4.0		4.0	AOB
	4.0		4.0		4.0		4.0		4.0	Chargeable

SOURCE: NAVY   **STUDENT CATEGORY:** SELRES

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	1		1		1		1		1	ATIR
	1		1		1		1		1	Output
	0.2		0.2		0.2		0.2		0.2	AOB
	0.0		0.0		0.0		0.0		0.0	Chargeable

CIN, COURSE TITLE: M-102-6413, Aircraft Navigation Systems Equipment Intermediate Maintenance
TRAINING ACTIVITY: VMAT-203 FREST, NAMTRAGRU DET
LOCATION, UIC: MCAS Cherry Point, North Carolina, 66047

SOURCE: USMC   **STUDENT CATEGORY:** USMC - AR

CFY00		FY01		FY02		FY03		FY04		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
	72		72		72		72		72	ATIR
	72		72		72		72		72	Output
	12.8		12.8		12.8		12.8		12.8	AOB
	12.8		12.8		12.8		12.8		12.8	Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the AN/APX-100 (V) Transponder Set and, therefore, are not included in Part IV of this NTSP:

IV.A.   Training Hardware

    IV.A.2.   Training Devices

IV.C.   Facility Requirements

    IV.C.1.   Facility Requirements Summary (Space/Support) by Activity

    IV.C.2.   Facility Requirements Detailed by Activity and Course

    IV.C.3.   Facility Project Summary by Program

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

IV.A. TRAINING HARDWARE

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-9895, AV-8B Aircraft COM/NAV/IDENT/ECM Weapons System Specialist Integrated
(Track M-102-0122)
TRAINING ACTIVITY: VMAT-203 FREST, NAMTRAGRU DET
LOCATION, UIC: MCAS Cherry Point, North Carolina, 66047

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
018	C-10916/ASQ-179	2	Jul 91	GFE	Onboard
019	ID-251/ASQ-179	2	Jul 91	GFE	Onboard
SPETE					
030	AN/APM-424 (V) 2 Test Set	1	Jul 91	GFE	Onboard

CIN, COURSE TITLE: C-102-9482, E-2C Group II Avionics (Career) Organizational Maintenance (Track D-102-0325)
TRAINING ACTIVITY: MTU 1026, NAMTRAGRU DET
LOCATION, UIC: Naval Base, Norfolk, Virginia, 66046

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
007	RT-1157B/APX-100(V)	2	Oct 96	GFE	Onboard
020	C-10533/APX-100(V)	2	Oct 96	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Oct 96	GFE	Onboard

CIN, COURSE TITLE: C-102-9482, E-2C Group II Avionics (Career) Organizational Maintenance (Track E-102-0325)
TRAINING ACTIVITY: MTU 1025 NAMTRAGRU DET
LOCATION, UIC: NAS Miramar, California, 66064

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
007	RT-1157B/APX-100(V)	2	Oct 96	GFE	Onboard
020	C-10533/APX-100(V)	2	Oct 96	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Oct 96	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-9478, E-2C Group II AEW Systems (Initial) Organizational Maintenance (Track D-102-0328)
TRAINING ACTIVITY: MTU 1026, NAMTRAGRU DET
LOCATION, UIC: Naval Base, Norfolk, Virginia, 66046

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
007	RT-1157B/APX-100(V)	2	Oct 97	GFE	Onboard
020	C-10533/APX-100(V)	2	Oct 97	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Oct 97	GFE	Onboard

CIN, COURSE TITLE: C-102-9478, E-2C Group II AEW Systems (Initial) Organizational Maintenance (Track E-102-0328)
TRAINING ACTIVITY: MTU 1025 NAMTRAGRU DET
LOCATION, UIC: NAS Miramar, California, 66064

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
007	RT-1157B/APX-100(V)	2	Oct 95	GFE	Onboard
020	C-10533/APX-100(V)	2	Oct 95	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Oct 95	GFE	Onboard

CIN, COURSE TITLE: C-102-4511, KC-130 Communications / Navigation System Technician MOJT (Track M-102-0451)
TRAINING ACTIVITY: VMGRT-253, NAMTRAGRU DET
LOCATION, UIC: MCAS Cherry Point, North Carolina, 55251

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
007	RT-1157B/APX-100(V)	2	Jan 96	GFE	Onboard
009	C-10534/APX-100	2	Jan 96	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Jan 96	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-9964, F/A-18 Avionics Systems (Initial) Organizational Maintenance (Track D-102-0622)
TRAINING ACTIVITY: MTU 1039, NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, Virginia, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
007	RT-1157B/APX-100(V)	2	Mar 98	GFE	Onboard
021	C-10380/ASQ	2	Mar 98	GFE	Onboard
022	AM-6979/A	2	Mar 98	GFE	Onboard
023	IP-1317	2	Mar 98	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Mar 98	GFE	Onboard

CIN, COURSE TITLE: C-102-9964, F/A-18 Avionics Systems (Initial) Organizational Maintenance (Track E-102-0622)
TRAINING ACTIVITY: MTU 1038 NAMTRAGRU DET
LOCATION, UIC: NAS Lemoore, California, 66060

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
007	RT-1157B/APX-100(V)	2	Oct 95	GFE	Onboard
021	C-10380/ASQ	2	Oct 95	GFE	Onboard
022	AM-6979/A	2	Oct 95	GFE	Onboard
023	IP-1317	2	Oct 95	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Oct 95	GFE	Onboard

CIN, COURSE TITLE: C-102-9406, SH-60B LAMPS MK-III Weapon Systems Technician (Initial) Organizational Maintenance (Track D-102-0820)
TRAINING ACTIVITY: MTU 1066, NAMTRAGRU DET
LOCATION, UIC: Naval Station Mayport, Florida, 66069

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
008	RT-1284B/APX-100 (V)	2	Feb 91	GFE	Onboard
026	AS-3881/ASQ	2	Feb 91	GFE	Onboard
027	AS-4071/ASQ	2	Feb 91	GFE	Onboard
028	F-1610/ASQ	2	Feb 91	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-9406, SH-60B LAMPS MK-III Weapon Systems Technician (Initial) Organizational Maintenance (Track D-102-0820)
TRAINING ACTIVITY: MTU 1066, NAMTRAGRU DET
LOCATION, UIC: Naval Station Mayport, Florida, 66069

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
SPETE					
030	AN/APM-424(V)2 Test Set	1	Feb 91	GFE	Onboard

CIN, COURSE TITLE: C-102-9406, SH-60B LAMPS MK-III Weapon Systems Technician (Initial) Organizational Maintenance (Track E-102-0820)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC: NAS North Island, California, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
008	RT-1284B/APX-100 (V)	2	Apr 91	GFE	Onboard
026	AS-3881/ASQ	2	Apr 91	GFE	Onboard
027	AS-4071/ASQ	2	Apr 91	GFE	Onboard
028	F-1610/ASQ	2	Apr 91	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Apr 91	GFE	Onboard

CIN, COURSE TITLE: C-102-9407, SH-60F/HH-60H Electronic Systems (Career) Organizational Maintenance (Track D-102-0822)
TRAINING ACTIVITY: MTU 1068, NAMTRAGRU DET
LOCATION, UIC: NAS Jacksonville, Florida, 66051

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
026	AS-3881/ASQ	2	Oct 96	GFE	Onboard
027	AS-4071/ASQ	2	Oct 96	GFE	Onboard
028	F-1610/ASQ	2	Oct 96	GFE	Onboard

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
SPETE					
030	AN/APM-424(V)2 Test Set	1	Oct 96	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-9407, SH-60F/HH-60H Electronic Systems (Career) Organizational Maintenance
(Track D-102-0822)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC: NAS North Island, California, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
008	RT-1284B/APX-100 (V)	2	Oct 96	GFE	Onboard
026	AS-3881/ASQ	2	Oct 96	GFE	Onboard
027	AS-4071/ASQ	2	Oct 96	GFE	Onboard
028	F-1610/ASQ	2	Oct 96	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Oct 96	GFE	Onboard

CIN, COURSE TITLE: C-102-9408, SH-60F/HH-60H Electronic Systems (Initial) Organizational Maintenance
(Track D-102-0823)
TRAINING ACTIVITY: MTU 1068, NAMTRAGRU DET
LOCATION, UIC: NAS Jacksonville, Florida, 66051

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
008	RT-1284B/APX-100 (V)	2	Jun 95	GFE	Onboard
026	AS-3881/ASQ	2	Jun 95	GFE	Onboard
027	AS-4071/ASQ	2	Jun 95	GFE	Onboard
028	F-1610/ASQ	2	Jun 95	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Jun 95	GFE	Onboard

CIN, COURSE TITLE: C-102-9408, SH-60F/HH-60H Electronic Systems (Initial) Organizational Maintenance
(Track E-102-0823)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC: NAS North Island, California, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
008	RT-1284B/APX-100 (V)	2	Oct 95	GFE	Onboard
026	AS-3881/ASQ	2	Oct 95	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-9408, SH-60F/HH-60H Electronic Systems (Initial) Organizational Maintenance (Track E-102-0823)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC: NAS North Island, California, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
027	AS-4071/ASQ	2	Oct 95	GFE	Onboard
028	F-1610/ASQ	2	Oct 95	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Oct 95	GFE	Onboard

CIN, COURSE TITLE: C-102-9409, SH-60B LAMPS MK-III Weapon Systems Technician (Career) Organizational Maintenance (Track D-102-0825)
TRAINING ACTIVITY: MTU 1066, NAMTRAGRU DET
LOCATION, UIC: Naval Station Mayport, Florida, 66069

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
008	RT-1284B/APX-100 (V)	2	Oct 96	GFE	Onboard
026	AS-3881/ASQ	2	Oct 96	GFE	Onboard
027	AS-4071/ASQ	2	Oct 96	GFE	Onboard
028	F-1610/ASQ	2	Oct 96	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Oct 96	GFE	Onboard

CIN, COURSE TITLE: C-102-9409, SH-60B LAMPS MK-III Weapon Systems Technician (Career) Organizational Maintenance (Track E-102-0825)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC: NAS North Island, California, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
008	RT-1284B/APX-100 (V)	2	Oct 96	GFE	Onboard
026	AS-3881/ASQ	2	Oct 96	GFE	Onboard
027	AS-4071/ASQ	2	Oct 96	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-9409, SH-60B LAMPS MK-III Weapon Systems Technician (Career) Organizational Maintenance (Track E-102-0825)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC: NAS North Island, California, 66065

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
028	F-1610/ASQ	2	Oct 96	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Oct 96	GFE	Onboard

CIN, COURSE TITLE: C-102-9899, F-14D Avionics Technician (Career) Organizational Maintenance (Track D-102-1621)
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, Virginia, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
008	RT-1284B/APX-100 (V)	2	Oct 96	GFE	Onboard
024	RT-1148/APX-100(V)	2	Oct 96	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Oct 96	GFE	Onboard

CIN, COURSE TITLE: C-102-9898, F-14D Avionics Technician (Initial) Organizational Maintenance (Track D-102-1625)
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, Virginia, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
008	RT-1284B/APX-100 (V)	2	Oct 89	GFE	Onboard
024	RT-1148/APX-100(V)	2	Oct 89	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	Oct 89	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-9977, F/A-18 E/F Avionics Systems (Initial) Organizational Maintenance (Track D-102-0623)
TRAINING ACTIVITY: MTU 1039, NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, Virginia, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
007	RT-1157B/APX-100(V)	2	Jun 02	GFE	Pending
SPETE					
030	AN/APM-424(V)2 Test Set	1	Jun 02	GFE	Pending

CIN, COURSE TITLE: C-102-9977, F/A-18 E/F Avionics Systems (Initial) Organizational Maintenance (Track E-102-0623)
TRAINING ACTIVITY: MTU 1038 NAMTRAGRU DET
LOCATION, UIC: NAS Lemoore, California, 66060

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
007	RT-1157B/APX-100 (V)	2	Mar 00	GFE	Pending
SPETE					
030	AN/APM-424(V)2 Test Set	1	Mar 00	GFE	Pending

CIN, COURSE TITLE: C-102-3627, V-22 Avionics Systems Organizational Maintenance (Track M-602-9922)
TRAINING ACTIVITY: VMAT-204 FREST, NAMTRAGRU DET
LOCATION, UIC: MCAS New River, North Carolina, 66048

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
SPETE					
030	AN/APM-424 (V) 2 Test Set	1	Jul 00	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-9354, H-1 COM/NAV/IDENT and Related Systems Organizational Maintenance
(Track M-102-2024)
TRAINING ACTIVITY: HMT-303 FREST, NAMTRAGRU DET
LOCATION, UIC: NAMTD Camp Pendleton, California, 66063

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
025	RT-1285B/APX-100(V)	2	May 94	GFE	Onboard
SPETE					
030	AN/APM-424(V)2 Test Set	1	May 94	GFE	Onboard

CIN, COURSE TITLE: C-102-4887, AV-8B Aircraft Avionics Organizational Maintenance (Career) (Track M-102-9922)
TRAINING ACTIVITY: VMAT-203 FREST, NAMTRAGRU DET
LOCATION, UIC: MCAS Cherry Point, North Carolina, 66047

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
018	C-10916/ASQ-179	2	Jun 99	GFE	Pending
019	ID-251/ASQ-179	2	Jun 99	GFE	Pending
SPETE					
030	AN/APM-424(V)2 Test Set	1	Jun 99	GFE	Onboard

CIN, COURSE TITLE: C-102-4052, Combined Electronic Identification (IFF) Intermediate Maintenance (Track D-102-6039)
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, Virginia, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	RT-859A/APX-72	2	May 80	GFE	Onboard
002	TS-1843()/ APX-72	2	May 80	GFE	Onboard
003	C-6280/APX-72	2	May 80	GFE	Onboard
004	RT-868B/APX-76	2	May 80	GFE	Onboard
005	RT-988A/APX-76	2	May 80	GFE	Onboard
006	SN-416A/APX-76	2	May 80	GFE	Onboard
007	RT-1157B/APX-100(V)	2	May 80	GFE	Onboard
008	RT-1284B/APX-100 (V)	2	May 80	GFE	Onboard
009	C-10534/APX-100	2	May 80	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-4052, Combined Electronic Identification (IFF) Intermediate Maintenance (Track D-102-6039)
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, Virginia, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
GPETE					
010	Fluke 8800A/AA Digital Multimeter	2	May 80	GFE	Onboard
011	AN/USM-425(V)1 Oscilloscope	2	May 80	GFE	Onboard
012	Hewlett-Packard 214A Pulse Generator	2	May 80	GFE	Onboard
SPETE					
013	AN/APM-239A Radar Test Set	2	May 80	GFE	Onboard
014	AN/APM-268 Radar Test Set	2	May 80	GFE	Onboard
015	AN/APM-421 Radar Test Set	2	May 80	GFE	Onboard
016	AN/UPM-155 Radar Test Set	2	Oct 98	GFE	Onboard
017	AN/APM-137 Radar Test Set	2	May 80	GFE	Onboard

CIN, COURSE TITLE: C-102-4052, Combined Electronic Identification (IFF) Intermediate Maintenance (Track D-102-6039)
TRAINING ACTIVITY: MTU 1011, NAMTRAGRU DET
LOCATION, UIC: NAS Jacksonville, Florida, 66051

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	RT-859A/APX-72	2	Oct 96	GFE	Onboard
002	TS-1843()/ APX-72	2	Oct 96	GFE	Onboard
003	C-6280/APX-72	2	Oct 96	GFE	Onboard
004	RT-868B/APX-76	2	Oct 96	GFE	Onboard
006	SN-416A/APX-76	2	Oct 96	GFE	Onboard
007	RT-1157B/APX-100 (V)	2	Oct 96	GFE	Onboard
008	RT-1284B/APX-100 (V)	2	Oct 96	GFE	Onboard
009	C-10534/APX-100	2	Oct 96	GFE	Onboard
GPETE					
010	Fluke 8800A/AA Digital Multimeter	2	Oct 96	GFE	Onboard
011	AN/USM-425(V)1 Oscilloscope	2	Oct 96	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-4052, Combined Electronic Identification (IFF) Intermediate Maintenance (Track D-102-6039)
TRAINING ACTIVITY: MTU 1011, NAMTRAGRU DET
LOCATION, UIC: NAS Jacksonville, Florida, 66051

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
012	Hewlett-Packard 214A Pulse Generator	2	Oct 96	GFE	Onboard
SPETE					
013	AN/APM-239A Radar Test Set	2	Oct 96	GFE	Onboard
014	AN/APM-268 Radar Test Set	2	Oct 96	GFE	Onboard
015	AN/APM-421 Radar Test Set	2	Oct 96	GFE	Onboard
016	AN/UPM-155 Radar Test Set	2	Oct 96	GFE	Onboard
017	AN/APM-137 Radar Test Set	2	Oct 96	GFE	Onboard

CIN, COURSE TITLE: C-102-4052, Combined Electronic Identification (IFF) Intermediate Maintenance (Track E-102-6039)
TRAINING ACTIVITY: MTU 1038 NAMTRAGRU DET
LOCATION, UIC: NAS Lemoore, California, 66060

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	RT-859A/APX-72	2	Oct 94	GFE	Onboard
002	TS-1843()/ APX-72	2	Oct 94	GFE	Onboard
003	C-6280/APX-72	2	Oct 94	GFE	Onboard
004	RT-868B/APX-76	2	Aug 95	GFE	Onboard
005	RT-988A/APX-76	2	Aug 95	GFE	Onboard
006	SN-416A/APX-76	2	Aug 95	GFE	Onboard
007	RT-1157B/APX-100 (V)	2	Oct 94	GFE	Onboard
008	RT-1284B/APX-100 (V)	2	Oct 94	GFE	Onboard
009	C-10534/APX-100	2	Oct 94	GFE	Onboard
GPETE					
010	Fluke 8800A/AA Digital Multimeter	2	Oct 94	GFE	Onboard
011	AN/USM-425(V)1 Oscilloscope	2	Oct 94	GFE	Onboard
012	Hewlett-Packard 214A Pulse Generator	2	Oct 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-4052, Combined Electronic Identification (IFF) Intermediate Maintenance (Track E-102-6039)
TRAINING ACTIVITY: MTU 1038 NAMTRAGRU DET
LOCATION, UIC: NAS Lemoore, California, 66060

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
SPETE					
013	AN/APM-239A Radar Test Set	2	Oct 94	GFE	Onboard
014	AN/APM-268 Radar Test Set	2	Oct 94	GFE	Onboard
015	AN/APM-421 Radar Test Set	2	Oct 94	GFE	Onboard
016	AN/UPM-155 Radar Test Set	2	Oct 98	GFE	Onboard
017	AN/APM-137 Radar Test Set	2	Oct 94	GFE	Onboard

CIN, COURSE TITLE: C-102-4049, AN/APX-72 AND AN/APX-100 (V) IFF Transponder Intermediate Maintenance (Track M-102-6413)
TRAINING ACTIVITY: VMAT-203 FREST, NAMTRAGRU DET
LOCATION, UIC: MCAS Cherry Point, North Carolina, 66047

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	RT-859A/APX-72	2	Aug 95	GFE	Onboard
002	TS-1843()/ APX-72	2	Aug 95	GFE	Onboard
003	C-6280/APX-72	2	Aug 95	GFE	Onboard
007	RT-1157B/APX-100 (V)	2	Aug 95	GFE	Onboard
008	RT-1284B/APX-100 (V)	2	Aug 95	GFE	Onboard
009	C-10534/APX-100	2	Aug 95	GFE	Onboard
GPETE					
010	Fluke 8800A/AA Digital Multimeter	2	Aug 95	GFE	Onboard
SPETE					
013	AN/APM-239A Radar Test Set	2	Aug 95	GFE	Onboard
015	AN/APM-421 Radar Test Set	2	Aug 95	GFE	Onboard
016	AN/UPM-155 Radar Test Set	2	Oct 98	GFE	Onboard
017	AN/APM-137 Radar Test Set	2	Oct 98	GFE	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-102-9895, AV-8B Aircraft COM/NAV/IDENT/ECM Weapons System Specialist Integrated
Organizational Maintenance (Track M-102-0122)
TRAINING ACTIVITY: VMAT-203 FREST, NAMTRAGRU DET
LOCATION, UIC: MCAS Cherry Point, North Carolina, 66047

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
35mm Slide Sets	2	Jul 91	Onboard
Course/Curriculum Outlines	3	Jul 91	Onboard
Instructor Lesson Guides	2	Jul 91	Onboard
Student Evaluations	50	Jul 91	Onboard
Student Guides	50	Jul 91	Onboard

CIN, COURSE TITLE: C-102-9482, E-2C Group II Avionics (Career) Organizational Maintenance (Track D-102-0325)
TRAINING ACTIVITY: MTU 1026, NAMTRAGRU DET
LOCATION, UIC: Naval Base, Norfolk, Virginia, 66046

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Oct 96	Onboard
Instructor Lesson Guides	2	Oct 96	Onboard
Student Evaluations	15	Oct 96	Onboard
Student Guides	15	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9482, E-2C Group II Avionics (Career) Organizational Maintenance (Track E-102-0325)
TRAINING ACTIVITY: MTU 1025 NAMTRAGRU DET
LOCATION, UIC: NAS Miramar, California, 66064

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Oct 96	Onboard
Instructor Lesson Guides	2	Oct 96	Onboard
Student Evaluations	24	Oct 96	Onboard
Student Guides	24	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9478, E-2C Group II AEW Systems (Initial) Organizational Maintenance (Track D-102-0328)
TRAINING ACTIVITY: MTU 1026, NAMTRAGRU DET
LOCATION, UIC: Naval Base, Norfolk, Virginia, 66046

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Oct 97	Onboard
Instructor Lesson Guides	2	Oct 97	Onboard
Student Evaluations	20	Oct 97	Onboard
Student Guides	20	Oct 97	Onboard

CIN, COURSE TITLE: C-102-9478, E-2C Group II AEW Systems (Initial) Organizational Maintenance (Track E-102-0328)
TRAINING ACTIVITY: MTU 1025 NAMTRAGRU DET
LOCATION, UIC: NAS Miramar, California, 66064

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Oct 95	Onboard
Instructor Lesson Guides	2	Oct 95	Onboard
Student Evaluations	30	Oct 95	Onboard
Student Guides	30	Oct 95	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-102-4511, KC-130 Communications / Navigation System Technician MOJT (Track M-102-0451)
TRAINING ACTIVITY: VMGRT-253, NAMTRAGRU DET
LOCATION, UIC: MCAS Cherry Point, North Carolina, 55251

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Jan 96	Onboard
Instructor Lesson Guides	4	Jan 96	Onboard
Student Evaluations	40	Jan 96	Onboard
Student Guides	40	Jan 96	Onboard

CIN, COURSE TITLE: C-102-9964, F/A-18 Avionics Systems (Initial) Organizational Maintenance (Track D-102-0622)
TRAINING ACTIVITY: MTU 1039, NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, Virginia, 66045

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	2	Mar 98	Onboard
Instructor Lesson Guides	11	Mar 98	Onboard
Student Evaluations	80	Mar 98	Onboard
Student Guides	80	Mar 98	Onboard

CIN, COURSE TITLE: C-102-9964, F/A-18 Avionics Systems (Initial) Organizational Maintenance (Track E-102-0622)
TRAINING ACTIVITY: MTU 1038 NAMTRAGRU DET
LOCATION, UIC: NAS Lemoore, California, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	2	Oct 95	Onboard
Instructor Lesson Guides	13	Oct 95	Onboard
Student Evaluations	120	Oct 95	Onboard
Student Guides	120	Oct 95	Onboard

CIN, COURSE TITLE: C-102-9406, SH-60B LAMPS MK-III Weapon Systems Technician (Initial) Organizational Maintenance (Track D-102-0820)
TRAINING ACTIVITY: MTU 1066, NAMTRAGRU DET
LOCATION, UIC: Naval Station Mayport, Florida, 66069

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Feb 91	Onboard
Instructor Lesson Guides	2	Feb 91	Onboard
Student Evaluations	30	Feb 91	Onboard
Student Guides	30	Feb 91	Onboard

CIN, COURSE TITLE: C-102-9406, SH-60B LAMPS MK-III Weapon Systems Technician (Initial) Organizational Maintenance (Track E-102-0820)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC: NAS North Island, California, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Apr 91	Onboard
Instructor Lesson Guides	6	Apr 91	Onboard
Student Evaluations	30	Apr 91	Onboard
Student Guides	30	Apr 91	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-102-9407, SH-60F/HH-60H Electronic Systems (Career) Organizational Maintenance
(Track D-102-0822)
TRAINING ACTIVITY: MTU 1068, NAMTRAGRU DET
LOCATION, UIC: NAS Jacksonville, Florida, 66051

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
35mm Slide Sets	2	Oct 96	Onboard
Course/Curriculum Outlines	3	Oct 96	Onboard
Instructor Lesson Guides	2	Oct 96	Onboard
Student Evaluations	30	Oct 96	Onboard
Student Guides	30	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9407, SH-60F/HH-60H Electronic Systems (Career) Organizational Maintenance
(Track E-102-0822)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC: NAS North Island, California, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Oct 96	Onboard
Instructor Lesson Guides	6	Oct 96	Onboard
Student Evaluations	30	Oct 96	Onboard
Student Guides	30	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9408, SH-60F/HH-60H Electronic Systems (Initial) Organizational Maintenance
(Track D-102-0823)
TRAINING ACTIVITY: MTU 1068, NAMTRAGRU DET
LOCATION, UIC: NAS Jacksonville, Florida, 66051

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
35mm Slide Sets	2	Jun 95	Onboard
Course/Curriculum Outlines	3	Jun 95	Onboard
Instructor Lesson Guides	2	Jun 95	Onboard
Student Evaluations	50	Jun 95	Onboard
Student Guides	50	Jun 95	Onboard

CIN, COURSE TITLE: C-102-9408, SH-60F/HH-60H Electronic Systems (Initial) Organizational Maintenance
(Track E-102-0823)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC: NAS North Island, California, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Oct 95	Onboard
Instructor Lesson Guides	6	Oct 95	Onboard
Student Evaluations	30	Oct 95	Onboard
Student Guides	30	Oct 95	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-102-9409, SH-60B LAMPS MK-III Weapon Systems Technician (Career) Organizational Maintenance (Track D-102-0825)
TRAINING ACTIVITY: MTU 1066, NAMTRAGRU DET
LOCATION, UIC: Naval Station Mayport, Florida, 66069

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Oct 96	Onboard
Instructor Lesson Guides	2	Oct 96	Onboard
Student Evaluations	30	Oct 96	Onboard
Student Guides	30	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9409, SH-60B LAMPS MK-III Weapon Systems Technician (Career) Organizational Maintenance (Track E-102-0825)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC: NAS North Island, California, 66065

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Oct 96	Onboard
Instructor Lesson Guides	6	Oct 96	Onboard
Student Evaluations	30	Oct 96	Onboard
Student Guides	30	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9899, F-14D Avionics Technician (Career) Organizational Maintenance (Track D-102-1621)
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, Virginia, 66045

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	5	Oct 96	Onboard
Instructor Lesson Guides	5	Oct 96	Onboard
Student Evaluations	32	Oct 96	Onboard
Student Guides	32	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9898, F-14D Avionics Technician (Initial) Organizational Maintenance (Track D-102-1625)
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, Virginia, 66045

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	7	Oct 96	Onboard
Instructor Lesson Guides	7	Oct 96	Onboard
Student Evaluations	50	Oct 96	Onboard
Student Guides	50	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9354, H-1 COM/NAV/IDENT and Related Systems Organizational Maintenance (Track M-102-2024)
TRAINING ACTIVITY: HMT-303 FREST, NAMTRAGRU DET
LOCATION, UIC: NAMTD Camp Pendleton, California, 66063

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	May 94	Onboard
Instructor Lesson Guides	20	May 94	Onboard
Student Evaluations	135	May 94	Onboard
Student Guides	135	May 94	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-102-4887, AV-8B Aircraft Avionics Organizational Maintenance (Career) (Track M-102-TBA)
TRAINING ACTIVITY: VMAT-203 FREST, NAMTRAGRU DET
LOCATION, UIC: MCAS Cherry Point, North Carolina, 66047

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
35mm Slide Sets	2	Jun 99	Pending
Course/Curriculum Outlines	3	Jun 99	Onboard
Instructor Lesson Guides	2	Jun 99	Onboard
Student Evaluations	50	Jun 99	Onboard
Student Guides	50	Jun 99	Onboard

CIN, COURSE TITLE: C-102-9977, F/A-18 E/F Avionics Systems (Initial) Organizational Maintenance (Track D-102-0623)
TRAINING ACTIVITY: MTU 1039, NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, Virginia, 66045

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Jun 02	Pending
Instructor Lesson Guides	2	Jun 02	Pending
Student Evaluations	50	Jun 02	Pending
Student Guides	50	Jun 02	Pending

CIN, COURSE TITLE: C-102-9977, F/A-18 E/F Avionics Systems (Initial) Organizational Maintenance (Track E-102-0623)
TRAINING ACTIVITY: MTU 1038 NAMTRAGRU DET
LOCATION, UIC: NAS Lemoore, California, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Mar 00	Pending
Instructor Lesson Guides	2	Mar 00	Pending
Student Evaluations	50	Mar 00	Pending
Student Guides	50	Mar 00	Pending

CIN, COURSE TITLE: C-102-3627, V-22 Avionics Systems Organizational Maintenance (Track M-602-9922)
TRAINING ACTIVITY: VMAT-204 FREST, NAMTRAGRU DET
LOCATION, UIC: MCAS New River, North Carolina, 66048

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Jul 00	Pending
Instructor Lesson Guides	2	Jul 00	Pending
Student Evaluations	50	Jul 00	Pending
Student Guides	50	Jul 00	Pending

CIN, COURSE TITLE: C-102-4052, Combined Electronic Identification (IFF) Intermediate Maintenance (Track D-102-6039)
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC: NAS Oceana, Virginia, 66045

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	May 79	Onboard
Instructor Lesson Guides	4	May 79	Onboard
Student Evaluations	20	May 79	Onboard
Student Guides	20	May 79	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-102-4052, Combined Electronic Identification (IFF) Intermediate Maintenance (Track D-102-6039)
TRAINING ACTIVITY: MTU 1011, NAMTRAGRU DET
LOCATION, UIC: NAS Jacksonville, Florida, 66051

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Oct 86	Onboard
Instructor Lesson Guides	2	Oct 86	Onboard
Student Evaluations	15	Oct 86	Onboard
Student Guides	15	Oct 86	Onboard

CIN, COURSE TITLE: C-102-4052, Combined Electronic Identification (IFF) Intermediate Maintenance (Track E-102-6039)
TRAINING ACTIVITY: MTU 1038 NAMTRAGRU DET
LOCATION, UIC: NAS Lemoore, California, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Oct 94	Onboard
Instructor Lesson Guides	5	Oct 94	Onboard
Student Evaluations	24	Oct 94	Onboard
Student Guides	24	Oct 94	Onboard

CIN, COURSE TITLE: C-102-4052, AN/APX-72 and AN/APX-100 (V) IFF Transponder Intermediate Maintenance (Track M-102-6413)
TRAINING ACTIVITY: VMAT-203 FREST, NAMTRAGRU DET
LOCATION, UIC: MCAS Cherry Point, North Carolina, 66047

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Course/Curriculum Outlines	3	Aug 95	Onboard
Instructor Lesson Guides	14	Aug 95	Onboard
Student Evaluations	145	Aug 95	Onboard
Student Guides	145	Aug 95	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-4887, AV-8B CNI/ECM System Organizational Maintenance (Career) (Track M-102-TBA)
TRAINING ACTIVITY: VMAT-203 FREST, NAMTRAGRU DET
LOCATION, UIC : MCAS Cherry Point, North Carolina, 66047

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-AV8BB-650-500 AV-8B - COMM and IFF, Wiring Diagrams	Hard copy	10	Jul 91	Onboard

CIN, COURSE TITLE: C-102-9895, AV-8B Aircraft COM/NAV/IDENT/ECM Weapons System Specialist Integrated
Organizational Maintenance (Track M-102-0122)
TRAINING ACTIVITY: VMAT-203 FREST, NAMTRAGRU DET
LOCATION, UIC : MCAS Cherry Point, North Carolina, 66047

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-AV8BB-650-100 AV-8B - COMM and IFF, Principles of Operations	Hard copy	10	Jul 91	Onboard
NA A1-AV8BB-650-200 AV-8B - COMM and IFF, Testing and Troubleshooting	Hard copy	10	Jul 91	Onboard
NA A1-AV8BB-650-300 AV-8B - COMM and IFF, IPB	Hard copy	10	Jul 91	Onboard

CIN, COURSE TITLE: C-102-9482, E-2C Group II Avionics (Career) Organizational Maintenance (Track D-102-0325)
TRAINING ACTIVITY: MTU 1026, NAMTRAGRU DET
LOCATION, UIC : Naval Base, Norfolk, Virginia, 66046

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-E2AAA-2-16.1 E-2C Organizational Maintenance Principles of Operation Radar and IFF Systems	Hard copy	7	Oct 96	Onboard
NA 01-E2AAA-2.15.7.1 E-2C Organizational Maintenance Integrated Weapons System Functional Diagrams	Hard copy	7	Oct 96	Onboard
NA 01-E2AAA-2.17.3 E-2C Organizational Maintenance Integrated Electronic Systems Testing and Troubleshooting	Hard copy	7	Oct 96	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-9482, E-2C Group II Avionics (Career) Organizational Maintenance (Track E-102-0325)
TRAINING ACTIVITY: MTU 1025 NAMTRAGRU DET
LOCATION, UIC : NAS Miramar, California, 66064

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-E2AAA-2-16.1 E-2C Organizational Maintenance Principles of Operation Radar and IFF Systems	Hard copy	7	Oct 95	Onboard
NA 01-E2AAA-2.15.7.1 E-2C Organizational Maintenance Integrated Weapons System Functional Diagrams	Hard copy	7	Oct 95	Onboard
NA 01-E2AAA-2.17.3 E-2C Organizational Maintenance Integrated Electronic Systems Testing and Troubleshooting	Hard copy	7	Oct 95	Onboard

CIN, COURSE TITLE: C-102-9478, E-2C Group II AEW Systems (Initial) Organizational Maintenance (Track D-102-0328)
TRAINING ACTIVITY: MTU 1026, NAMTRAGRU DET
LOCATION, UIC : Naval Base, Norfolk, Virginia, 66046

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-E2AAA-2-16.1 E-2C Organizational Maintenance Principles of Operation Radar and IFF Systems	Hard copy	7	Oct 97	Onboard
NA 01-E2AAA-2.15.7.1 E-2C Organizational Maintenance Integrated Weapons System Functional Diagrams	Hard copy	7	Oct 97	Onboard
NA 01-E2AAA-2.17.3 E-2C Organizational Maintenance Integrated Electronic Systems Testing and Troubleshooting	Hard copy	7	Oct 97	Onboard

CIN, COURSE TITLE: C-102-9478, E-2C Group II AEW Systems (Initial) Organizational Maintenance (Track E-102-0328)
TRAINING ACTIVITY: MTU 1025 NAMTRAGRU DET
LOCATION, UIC : NAS Miramar, California, 66064

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-E2AAA-2-16.1 E-2C Organizational Maintenance Principles of Operation Radar and IFF Systems	Hard copy	7	Oct 95	Onboard
NA 01-E2AAA-2.15.7.1 E-2C Organizational Maintenance Integrated Weapons System Functional Diagrams	Hard copy	7	Oct 95	Onboard
NA 01-E2AAA-2.17.3 E-2C Organizational Maintenance Integrated Electronic Systems Testing and Troubleshooting	Hard copy	7	Oct 95	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-4511, KC-130 Communications / Navigation System Technician MOJT (Track M-102-0451)
TRAINING ACTIVITY: VMGRT-253, NAMTRAGRU DET
LOCATION, UIC : MCAS Cherry Point, North Carolina, 55251

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-75GAH-2-13 KC-130T Maintenance Manual, Organizational, Aircraft Wiring Diagrams	Hard copy	10	Jan 96	Onboard
NA 01-75GAH-2-8 KC-130T Maintenance Manual, Organizational Radio-Communications and Navigation	Hard copy	10	Jan 96	Onboard
NA 01-75GAH-4-1 KC-130T Technical Manual Numerical Index, IPB	Hard copy	10	Jan 96	Onboard
NA 01-75GAH-4-7 KC-130T Illustrated Parts Breakdown, Technical Manual Electronics Systems	Hard copy	10	Jan 96	Onboard

CIN, COURSE TITLE: C-102-9964, F/A-18 Avionics Systems (Initial) Organizational Maintenance (Track D-102-0622)
TRAINING ACTIVITY: MTU 1039, NAMTRAGRU DET
LOCATION, UIC : NAS Oceana, Virginia, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-F18AC-600--200 F/A-18 Communication, Tacan, ADF, Electronic Altimeter, and IFF Testing and Troubleshooting	Hard copy	30	Mar 98	Onboard
NA A1-F18AC-600-100 F/A-18 Communication, Tacan, ADF, Electronic Altimeter, and IFF Systems Description and Operation	Hard copy	30	Mar 98	Onboard
NA A1-F18AC-600-300 F/A-18 Communication, Tacan, ADF, Electronic Altimeter, and IFF Systems with IPB	Hard copy	30	Mar 98	Onboard

CIN, COURSE TITLE: C-102-9964, F/A-18 Avionics Systems (Initial) Organizational Maintenance (Track E-102-0622)
TRAINING ACTIVITY: MTU 1038 NAMTRAGRU DET
LOCATION, UIC : NAS Lemoore, California, 66060

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-F18AC-600--200 F/A-18 Communication, Tacan, ADF, Electronic Altimeter, and IFF Testing and Troubleshooting	Hard copy	11	Jun 91	Onboard
NA A1-F18AC-600-100 F/A-18 Communication, Tacan, ADF, Electronic Altimeter, and IFF Systems Description and Operation	Hard copy	11	Jun 91	Onboard
NA A1-F18AC-600-300 F/A-18 Communication, Tacan, ADF, Electronic Altimeter, and IFF Systems with IPB	Hard copy	11	Jun 91	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-9406, SH-60B LAMPS MK-III Weapon Systems Technician (Initial) Organizational Maintenance (Track D-102-0820)
TRAINING ACTIVITY: MTU 1066, NAMTRAGRU DET
LOCATION, UIC : Naval Station Mayport, Florida, 66069

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-H60BB-690-100 SH-60B Principles of Operation, Communications Subsystem	Hard copy	7	Feb 91	Onboard
NA A1-H60BB-690-300 SH 60B Maintenance Procedures, Communications Subsystem	Hard copy	7	Feb 91	Onboard
NA A1-H60BB-ATM-000 SH-60B Avionics Test Manual Subsystem	Hard copy	7	Feb 91	Onboard
NA A1-H60BB0690-200 SH-60B Testing and Troubleshooting, Communications Subsystem	Hard copy	7	Feb 91	Onboard

CIN, COURSE TITLE: C-102-9406, SH-60B LAMPS MK-III Weapon Systems Technician (Initial) Organizational Maintenance (Track E-102-0820)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC : NAS North Island, California, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-H60BB-690-100 SH-60B Principles of Operation, Communications Subsystem	Hard copy	7	Apr 91	Onboard
NA A1-H60BB-690-300 SH 60B Maintenance Procedures, Communications Subsystem	Hard copy	7	Apr 91	Onboard
NA A1-H60BB-ATM-000 SH-60B Avionics Test Manual Subsystem	Hard copy	7	Apr 91	Onboard
NA A1-H60BB0690-200 SH-60B Testing and Troubleshooting, Communications Subsystem	Hard copy	7	Apr 91	Onboard

CIN, COURSE TITLE: C-102-9407, SH-60F/HH-60H Electronic Systems (Career) Organizational Maintenance (Track D-102-0822)
TRAINING ACTIVITY: MTU 1068, NAMTRAGRU DET
LOCATION, UIC : NAS Jacksonville, Florida, 66051

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-H60BB-690-300 SH-60F/HH-60H Maintenance Procedures COMM Subsystem	Hard copy	7	Oct 96	Onboard
NA A1-H60CA-690-100 SH-60F/HH-60H Testing and Troubleshooting, Communications Subsystem	Hard copy	7	Oct 96	Onboard
NA A1-H60CA-690-200 SH-60F/HH-60H Testing and Troubleshooting COMM Subsystem	Hard copy	7	Oct 96	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-9407, SH-60F/HH-60H Electronic Systems (Career) Organizational Maintenance (Track E-102-0822)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC : NAS North Island, California, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-H60BB-690-300 SH-60F/HH-60H Maintenance Procedures COMM Subsystem	Hard copy	7	Oct 96	Onboard
NA A1-H60CA-690-100 SH-60F/HH-60H Testing and Troubleshooting, Communications Subsystem	Hard copy	7	Oct 96	Onboard
NA A1-H60CA-690-200 SH-60F/HH-60H Testing and Troubleshooting COMM Subsystem	Hard copy	7	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9408, SH-60F/HH-60H Electronic Systems (Initial) Organizational Maintenance (Track D-102-0823)
TRAINING ACTIVITY: MTU 1068, NAMTRAGRU DET
LOCATION, UIC : NAS Jacksonville, Florida, 66051

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-H60BB-690-300 SH-60F/HH-60H Maintenance Procedures COMM Subsystem	Hard copy	7	Jun 95	Onboard
NA A1-H60CA-690-100 SH-60F/HH-60H Testing and Troubleshooting, Communications Subsystem	Hard copy	7	Jun 95	Onboard
NA A1-H60CA-690-200 SH-60F/HH-60H Testing and Troubleshooting COMM Subsystem	Hard copy	7	Jun 95	Onboard

CIN, COURSE TITLE: C-102-9408, SH-60F/HH-60H Electronic Systems (Initial) Organizational Maintenance (Track E-102-0823)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC : NAS North Island, California, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-H60BB-690-300 SH-60F/HH-60H Maintenance Procedures COMM Subsystem	Hard copy	7	Oct 95	Onboard
NA A1-H60CA-690-100 SH-60F/HH-60H Testing and Troubleshooting, Communications Subsystem	Hard copy	7	Oct 95	Onboard
NA A1-H60CA-690-200 SH-60F/HH-60H Testing and Troubleshooting COMM Subsystem	Hard copy	7	Oct 95	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-9409, SH-60B LAMPS MK-III Weapon Systems Technician (Career) Organizational
Maintenance (Track D-102-0825)
TRAINING ACTIVITY: MTU 1066, NAMTRAGRU DET
LOCATION, UIC : Naval Station Mayport, Florida, 66069

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-H60BB-690-100 SH-60B Principles of Operation, Communications Subsystem	Hard copy	11	Oct 96	Onboard
NA A1-H60BB-690-300 SH 60B Maintenance Procedures, Communications Subsystem	Hard copy	11	Oct 96	Onboard
NA A1-H60BB-ATM-000 SH-60B Avionics Test Manual Subsystem	Hard copy	11	Oct 96	Onboard
NA A1-H60BB0690-200 SH-60B Testing and Troubleshooting, Communications Subsystem	Hard copy	11	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9409, SH-60B LAMPS MK-III Weapon Systems Technician (Career) Organizational
Maintenance (Track E-102-0825)
TRAINING ACTIVITY: MTU 1067 NAMTRAGRU DET
LOCATION, UIC : NAS North Island, California, 66065

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-H60BB-690-100 SH-60B Principles of Operation, Communications Subsystem	Hard copy	7	Oct 96	Onboard
NA A1-H60BB-690-300 SH 60B Maintenance Procedures, Communications Subsystem	Hard copy	7	Oct 96	Onboard
NA A1-H60BB-ATM-000 SH-60B Avionics Test Manual Subsystem	Hard copy	7	Oct 96	Onboard
NA A1-H60BB0690-200 SH-60B Testing and Troubleshooting, Communications Subsystem	Hard copy	7	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9899, F-14D Avionics Technician (Career) Organizational Maintenance (Track D-102-1621)
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC : NAS Oceana, Virginia, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-F14AAD-1 F-14D NATOPS Flight Manual	Hard copy	10	Oct 96	Onboard
NA 01-F14AAD-2-2-12 F-14D Communications System, Principles of Operation	Hard copy	10	Oct 96	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-9899, F-14D Avionics Technician (Career) Organizational Maintenance (Track D-102-1621)
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC : NAS Oceana, Virginia, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-F14AAD-2-2-16.1 F-14D Integrated Weapons System Functional Diagram	Hard copy	10	Oct 96	Onboard
NA 01-F14AAD-2-3-12 F-14D Communications System, Testing and Troubleshooting	Hard copy	10	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9898, F-14D Avionics Technician (Initial) Organizational Maintenance (Track D-102-1625)
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC : NAS Oceana, Virginia, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-F14AAD-1 F-14D NATOPS Flight Manual	Hard copy	10	Oct 96	Onboard
NA 01-F14AAD-2-2-12 F-14D Communications System, Principles of Operation	Hard copy	10	Oct 96	Onboard
NA 01-F14AAD-2-2-16.1 F-14D Integrated Weapons System Functional Diagram	Hard copy	10	Oct 96	Onboard
NA 01-F14AAD-2-3-12 F-14D Communications System, Testing and Troubleshooting	Hard copy	10	Oct 96	Onboard

CIN, COURSE TITLE: C-102-9354, H-1 COM/NAV/IDENT and Related Systems Organizational Maintenance (Track M-102-2024)
TRAINING ACTIVITY: HMT-303 FREST, NAMTRAGRU DET
LOCATION, UIC : NAMTD Camp Pendleton, California, 66063

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-H1AAC-2-14.1 H-1 Organizational Maintenance, Avionics Equipment, Principle of Operations,	Hard copy	10	May 94	Onboard
NA 01-H1AAC-2-14.2 H-1 Organizational Maintenance, Avionics Equipment, Testing and Troubleshooting	Hard copy	10	May 94	Onboard
NA 01-H1AAC-2-14.3 H-1 Organizational Maintenance, Avionics Equipment with IPB	Hard copy	10	May 94	Onboard

CIN, COURSE TITLE: C-102-4887, AV-8B Aircraft Avionics Organizational Maintenance (Career) (Track M-102-9922)
TRAINING ACTIVITY: VMAT-203 FREST, NAMTRAGRU DET
LOCATION, UIC : MCAS Cherry Point, North Carolina, 66047

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-AV8BB-650-100 AV-8B - COMM and IFF, Principles of Operations	Hard copy	10	Jun 99	Onboard
NA A1-AV8BB-650-200	Hard copy	10	Jun 99	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-4887, AV-8B Aircraft Avionics Organizational Maintenance (Career) (Track M-102-9922)
TRAINING ACTIVITY: VMAT-203 FREST, NAMTRAGRU DET
LOCATION, UIC :   MCAS Cherry Point, North Carolina, 66047

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AV-8B - COMM and IFF, Testing and Troubleshooting				
NA A1-AV8BB-650-300 AV-8B - COMM and IFF, IPB	Hard copy	10	Jun 99	Onboard
NA A1-AV8BB-650-500 AV-8B - COMM and IFF, Wiring Diagrams	Hard copy	10	Jun 99	Onboard

CIN, COURSE TITLE: C-102-9977, F/A-18 E/F Avionics Systems (Initial) Organizational Maintenance (Track D-102-0623)
TRAINING ACTIVITY: MTU 1039, NAMTRAGRU DET
LOCATION, UIC :   NAS Oceana, Virginia, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-F18EF-600-100 F-18 E/F Communication, Tacan, ADF, Electronic Altimeter, and IFF Systems Description and Operation	Hard copy	10	Jun 02	Pending
NA A1-F18EF-600-200 F-18 E/F Communication, Tacan, ADF, Electronic Altimeter, and IFF Systems Testing and Troubleshooting	Hard copy	10	Jun 02	Pending
NA A1-F18EF-600-300 F-18 E/F Communication, Tacan, ADF, Electronic Altimeter, and IFF Systems Maintenance with IPB	Hard copy	10	Jun 02	Pending

CIN, COURSE TITLE: C-102-9977, F/A-18 E/F Avionics Systems (Initial) Organizational Maintenance (Track E-102-0623)
TRAINING ACTIVITY: MTU 1038 NAMTRAGRU DET
LOCATION, UIC :   NAS Lemoore, California, 66060

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-F18EF-600-100 F-18 E/F Communication, Tacan, ADF, Electronic Altimeter, and IFF Systems Description and Operation	Hard copy	10	Mar 00	Pending
NA A1-F18EF-600-200 F-18 E/F Communication, Tacan, ADF, Electronic Altimeter, and IFF Systems Testing and Troubleshooting	Hard copy	10	Mar 00	Pending
NA A1-F18EF-600-300 F-18 E/F Communication, Tacan, ADF, Electronic Altimeter, and IFF Systems Maintenance with IPB	Hard copy	10	Mar 00	Pending

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-3627, V-22 Avionics Systems Organizational Maintenance (Track M-602-TBA)
TRAINING ACTIVITY: VMAT-204 FREST, NAMTRAGRU DET
LOCATION, UIC : MCAS New River, North Carolina, 66048

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA A1-V22-TBA V-22 Avionics Systems Organizational Maintenance	Hard copy	10	Jul 00	Pending

CIN, COURSE TITLE: C-102-4052, Combined Electronics Identification (IFF) Intermediate Maintenance (Track D-102-6039)
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC : NAS Oceana, Virginia, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 16-30APX-72-2 Receiver-Transmitter, Radio - RT-859/APX72, RT-859A/APX-72 and Mountings, Direct/General Support Maintenance with IPB	Hard copy	7	May 80	Onboard
NA 16-30APX76-2 AN/APX-76A(V), AN/APX-76B(V), and AN/APX-76C(V), Interrogator Sets, Maintenance Instructions Intermediate and Depot	Hard copy	7	May 80	Onboard
NA 16-30UPM155-1 AN/UPM155 Radar Test Set Operational Instructions, Organizational and Intermediate Manual	Hard copy	7	Oct 98	Onboard
NA 16-30UPM155-2 AN/UPM155-2 Radar Test Set Maintenance Instructions, Organizational and Intermediate Manual	Hard copy	7	Oct 98	Onboard
NA 16-30UPM155-3 AN/UPM155-3 Radar Test Set IPB	Hard copy	7	Oct 98	Onboard
NA 16-30UPM155-4 AN/UPM155 Radar Test Set Depot Maintenance Instructions Manual	Hard copy	1	Oct 98	Onboard
NA 16-35C6280-1 Control, Transponder Set - C-6280(P)/APX, C-6280A(P)/APX, C-6717/APX, and C-7483/APX,	Hard copy	7	May 80	Onboard
NA 16-35TS1843-1 TS-1843A/APX - Transponder Set, Test Set - Organizational/ Intermediate Maintenance with Depot Overhaul Instructions	Hard copy	7	May 80	Onboard
NA 16-35TS1843-2 TS-1843/APX - Test Set, Transponder Set, Maintenance Instructions with IPB, Organizational, Intermediate, and Depot	Hard copy	7	May 80	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-4052, Combined Electronics Identification (IFF) Intermediate Maintenance (Track D-102-6039)
TRAINING ACTIVITY: MTU 1007, NAMTRAGRU DET
LOCATION, UIC :   NAS Oceana, Virginia, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA AE-230AA-MIB-000 AN/APX-100(V) Intermediate Maintenance Manual with IPB	Hard copy	7	May 80	Onboard
NA AE-235AA-MEB-000 AN/UPM-421 Intermediate Maintenance Manual with IPB	Hard copy	7	May 80	Onboard

CIN, COURSE TITLE: C-102-4052, Combined Electronics Identification (IFF) Intermediate Maintenance (Track D-102-6039)
TRAINING ACTIVITY: MTU 1011, NAMTRAGRU DET
LOCATION, UIC :   NAS Jacksonville, Florida, 66051

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 16-30APX-72-2 Receiver-Transmitter, Radio - RT-859/APX72, RT-859A/APX-72 and Mountings, Direct/General Support Maintenance with IPB	Hard copy	6	Oct 98	Onboard
NA 16-30APX76-2 AN/APX-76A(V), AN/APX-76B(V), and AN/APX-76C(V), Interrogator Sets, Maintenance Instructions Intermediate and Depot	Hard copy	6	Oct 98	Onboard
NA 16-30UPM155-1 AN/UPM155 Radar Test Set Operational Instructions Organizational and Intermediate Manual	Hard copy	6	Oct 98	Onboard
NA 16-30UPM155-2 AN/UPM155-2 Radar Test Set Maintenance Instructions, Organizational and Intermediate Manual	Hard copy	6	Oct 98	Onboard
NA 16-30UPM155-3 AN/UPM155-3 Radar Test Set IPB	Hard copy	6	Oct 98	Onboard
NA 16-30UPM155-4 AN/UPM155 Radar Test Set Depot Maintenance Instructions Manual	Hard copy	1	Oct 98	Onboard
NA 16-35C6280-1 Control, Transponder Set - C-6280(P)/APX, C-6280A(P)/APX, C-6717/APX, and C-7483/APX,	Hard copy	6	Oct 86	Onboard
NA 16-35TS1843-1 TS-1843A/APX - Transponder Set, Test Set - Organizational/ Intermediate Maintenance with Depot Overhaul Instructions	Hard copy	6	Oct 86	Onboard
NA 16-35TS1843-2 TS-1843/APX - Test Set, Transponder Set, Maintenance Instructions with IPB, Organizational, Intermediate and Depot	Hard copy	6	Oct 86	Onboard
NA AE-230AA-MIB-000 AN/APX-100 (V) Intermediate Maintenance Manual with IPB	Hard copy	6	Oct 86	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-4052, Combined Electronics Identification (IFF) Intermediate Maintenance (Track D-102-6039)
TRAINING ACTIVITY: MTU 1011, NAMTRAGRU DET
LOCATION, UIC : NAS Jacksonville, Florida, 66051

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA AE-235AA-MEB-000 AN/UPM-421 Intermediate Maintenance Manual with IPB	Hard copy	6	Oct 86	Onboard

CIN, COURSE TITLE: C-102-4052, Combined Electronics Identification (IFF) Intermediate Maintenance (Track E-102-6039)
TRAINING ACTIVITY: MTU 1038 NAMTRAGRU DET
LOCATION, UIC : NAS Lemoore, California, 66060

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 16-30APX-72-2 Receiver-Transmitter, Radio - RT-859/APX72, RT-859A/APX-72 and Mountings, Direct/General Support Maintenance with IPB	Hard copy	7	Oct 94	Onboard
NA 16-30APX76-2 AN/APX-76A(V), AN/APX-76B(V), and AN/APX-76C(V), Interrogator Sets, Maintenance Instructions Intermediate and Depot	Hard copy	7	Oct 94	Onboard
NA 16-30UPM155-1 AN/UPM155 Radar Test Set Operational Instructions Organizational and Intermediate Manual	Hard copy	7	Oct 98	Onboard
NA 16-30UPM155-2 AN/UPM155-2 Radar Test Set Maintenance Instructions, Organizational and Intermediate Manual	Hard copy	7	Oct 98	Onboard
NA 16-30UPM155-3 AN/UPM155-3 Radar Test Set IPB	Hard copy	7	Oct 98	Onboard
NA 16-30UPM155-4 AN/UPM155 Radar Test Set Depot Maintenance Instructions Manual	Hard copy	1	Oct 98	Onboard
NA 16-35C6280-1 Control, Transponder Set - C-6280(P)/APX, C-6280A(P)/APX, C-6717/APX, and C-7483/APX,	Hard copy	7	Oct 94	Onboard
NA 16-35TS1843-1 TS-1843A/APX - Transponder Set, Test Set - Organizational/ Intermediate Maintenance with Depot Overhaul Instructions	Hard copy	7	Oct 94	Onboard
NA 16-35TS1843-2 TS-1843/APX - Test Set, Transponder Set, Maintenance Instructions with IPB, Organizational, Intermediate, and Depot	Hard copy	7	Oct 94	Onboard
NA AE-230AA-MIB-000 AN/APX-100 (V) Intermediate Maintenance Manual with IPB	Hard copy	7	Oct 98	Onboard
NA AE-235AA-MEB-000 AN/UPM-421 Intermediate Maintenance Manual with IPB	Hard copy	7	Oct 94	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-4049, APX-72/APX-100 IFF Intermediate Maintenance (Track M-102-6413)
TRAINING ACTIVITY: VMAT-203 FREST, NAMTRAGRU DET
LOCATION, UIC :   MCAS Cherry Point, North Carolina, 66047

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 16-30APX-72-2 Receiver-Transmitter, Radio - RT-859/APX72, RT-859A/APX-72 and Mountings, Direct/General Support Maintenance with IPB	Hard copy	13	Aug 95	Onboard
NA 16-30APX72-3 RT-859/APX-72, RT-859A/APX-72, and Mountings/ IPB	Hard copy	13	Aug 95	Onboard
NA 16-30UPM155-1 AN/UPM155 Radar Test Set Operational Instructions Organizational and Intermediate Manual	Hard copy	13	Oct 98	Onboard
NA 16-30UPM155-2 AN/UPM155-2 Radar Test Set Maintenance Instructions, Organizational and Intermediate Manual	Hard copy	13	Oct 98	Onboard
NA 16-30UPM155-3 AN/UPM155-3 Radar Test Set IPB	Hard copy	13	Oct 98	Onboard
NA 16-30UPM155-4 AN/UPM155 Radar Test Set Depot Maintenance Instructions Manual	Hard copy	13	Oct 98	Onboard
NA AE-230AA-MIB-000 AN/APX-100 (V) Intermediate Maintenance Manual with IPB	Hard copy	13	Aug 95	Onboard
NA AE-235AA-MEB-000 AN/UPM-421 Intermediate Maintenance Manual with IPB	Hard copy	13	Aug 95	Onboard

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
DCNO/DMSO/ CMS SPONSOR	Analyzed manpower, personnel, and training requirements	Aug 81	Completed
PDA	Submitted Proposed NTSP to OPNAV	Sep 82	Completed
PDA	Promulgated Draft NTSP to ALCON for review	Nov 82	Completed
TSA	Awarded Curriculum Material Contract	Dec 82	Completed
DCNO	Approved and promulgated NTSP	FY82	Completed
PDA	Awarded Production Contract	FY82	Completed
PDA	Promulgated ILS Master Plan	FY82	Completed
TSA	Began Cadre Training	Aug 84	Completed
TSA	Began Training Advisory Services	Aug 84	Completed
ASO	Established Material Support Date	Oct 84	Completed
TI	Began Initial Training	Apr 85	Completed
TSA	Began Instructor Training	Apr 85	Completed
TSA	Delivered Curricula materials	Aug 85	Completed
TSA	Delivered Technical Training Equipment	Aug 85	Completed
TSA	Awarded Factory Training Contract	FY85	Completed
TSA	Installed Navy Technical Training Equipment	FY85	Completed
PDA	Fleet Introduction	FY85	Completed
TA	Began Follow-On/Replacement Training	Nov 85	Completed
PDA	Promulgated Draft NTP to ALCON for review	Dec 87	Completed
PDA	Proposed NTSP Submitted to OPNAV	Oct 88	Completed
DCNO (MPT)	Approved and Promulgated Proposed NTSP	Mar 89	Completed
PDA	Promulgated Draft NTSP to ALCON for Review and Comment	Mar 97	Completed
NATEC	Released Updated AN/APX-100 Intermediate Level Maintenance Manual to the Fleet	Aug 99	Completed
PDA	Distributed Draft NTSP to ALCON for review	Sep 99	Completed

PART VI - DECISION ITEMS / ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
None			

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS	
CDR Dean Meyer Common Avionics Requirements Officer CNO, N880G2 meyer.dean@hq.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 693-2939 223-2939 (703) 693-2934
Mr. Tom Malicke Assistant Common Avionics Requirements Officer (COMM and INFO Systems) CNO, N880G2B malicke.tom@hq.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 693-9011 203-9011 (703) 693-2934
CDR James Woolway Deputy, Head, Plans, Policy, and Fleet Maintenance Support CNO, N881B woolway.james@hq.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 604-7747 664-7747 (703) 604-6972
CDR Cyprus Murphy Resource Sponsor / Program Sponsor CNO, N885D1 murphy.cyrus@hq.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 697-9359 227-9359 (703) 695-7103
CAPT Thomas Vandenburg Head, Aviation Technical Training Branch CNO, N889H vandenburg.thomas@hq.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 604-7730 664-7730 (703) 604-6969
LT Matthew Browning Rating and Intermediate Level Maintenance Training Sponsor CNO, N889H4 browning.matthew@hq.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 604-7739 664-7739 (703) 604-6956
AZC Scott Dean NTSP Manager CNO, N889H7 dean.scott@hq.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 604-7714 664-7714 (703) 604-6939
CDR Brian Mack Aviation Manpower CNO, N122C1 n122c1@bupers.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 695-3247 225-3247 (703) 614-5308
Mr. Robert Zweibel Training Technology Policy CNO, N75B zweibel.robert@hq.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 614-1344 224-1344 (703) 695-5698
COL Ken Hill USMC Aviation Manpower Support Officer CMC, ASM-1 hillkw@hqmc.usmc.mil	**COMM:** **DSN:** **FAX:**	(703) 614-1244 224-1244 (703) 614-1309

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS	
LTCOL John Thornton USMC Avionics Officer CMC, ASL-34 thorntonjm@hqmc.usmc.mil	**COMM:** **DSN:** **FAX:**	(703) 614-2237 224-2237 (703) 697-7343
MGYSGT Jane M. Bradford USMC Avionics Office CMC, ASL-34A bradfordjm@hqmc.usmc.mil	**COMM:** **DSN:** **FAX:**	(703) 614-2237 224-2237 (703) 697-7343
ATC Jeffery A. Rainwater Common Aviation Training Systems Manager NAVAIRSYSCOM, PMA205-3E3 rainwaterja@navair.navy.mil	**COMM:** **DSN:** **FAX:**	(301) 757-8138 757-8138 (301) 757-6945
CAPT Walt Rogers Air Combat Electronics Program Manager NAVAIRSYSCOM, PMA209 rogerswl@navair.navy.mil	**COMM:** **DSN:** **FAX:**	(301) 757-6480 757-6480 (301) 757-6470
Mr. Earl Swinson Integrated Product Team Leader NAVAIRSYSCOM, PMA209P7 swinsonle@navair.navy.mil	**COMM:** **DSN:** **FAX:**	(301) 342-1877 ext. 108 342-1877 (301) 342-3602
Mr. James Holton Class Desk NAVAIRSYSCOM, PMA209P23.4.1 holtonj@nawcad.navy.mil	**COMM:** **DSN:** **FAX:**	(301) 342-1877 ext. 111 342-1877 (301) 342-3602
Mr. Carlos Cortez APML, AN/APX-100(V) NAVAIRSYSCOM, 3.1.4.1 cortezc@nawcad.navy.mil	**COMM:** **DSN:** **FAX:**	(301) 757-6476 342-6476 (301) 342-3602
Mrs. Judy Sensi ILS Manager NAVSEASYSCOM, PMS206L sensijc@navsea.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 602-9033 332-9033 (703) 602-5847
Mr. Jean-Micheal Coughlin APM - All Boats and C-1 Targets NAVSEASYSCOM, PMS325G1 coughlinjm@navsea.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 602-8401 ext. 304 332-8401 (703) 602-0229
Ms. Diane Shafer PC and RIB Life Cycle Manager NAVSEASYSCOM, PMS325J shaferdr@navsea.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 602-1453 ext. 109 332-1453 (703) 602-5847
Mr. Stephen Maloney LCAC Project Manager NAVSEASYSCOM, PMS377JA1 maloneysp@navsea.navy.mil	**COMM:** **DSN:** **FAX:**	(703) 602-8515 332-8515 (703) 418-1163

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS	
CDR Robin F. Mason Aviation NTSP Manager CINCLANTFLT, N-721 masonrf@clf.navy.mil	**COMM:** **DSN:** **FAX:**	(757) 836-0101 863-0101 (757) 863-0141
Mr. Bob Long Deputy Director for Training CINCPACFLT, N-70 longrh@cpf.navy.mil	**COMM:** **DSN:** **FAX:**	(808) 471-8542 471-8542 (808) 471-8596
Mr. Dennis Doner Common Avionics COMNAVAIRESFOR, N4311 doner@cnrf.nola.navy.mil	**COMM:** **DSN:** **FAX:**	(504) 678-5966 678-5966 (504) 678-6597
CAPT Jerry Rea Enlisted Assignment Director NAVPERSCOM, NPC-40 p40@persnet.navy.mil	**COMM:** **DSN:** **FAX:**	(901) 874-3539 882-3539 (901) 874-2647
CDR Tim Feree Branch Head, Aviation Rating NAVPERSCOM, PERS 404 p404@persnet.navy.mil	**COMM:** **DSN:** **FAX:**	(901) 874-3691 882-3691 (901) 874-2642
MAJ Jon Doering Head, ACE Branch, TFS Division MCCDC, C5325A doeringjg@mccdc.usmc.mil	**COMM:** **DSN:** **FAX:**	(703) 784-6241 278-6241 (703) 784-6072
CDR L. Scott Gingery Aviation Department Head NAVMAC, 30 scott.gingery@navmac.navy.mil	**COMM:** **DSN:** **FAX:**	(901) 874-6218 882-6218 (901) 874-6471
Mr. Al Sargent NTSP Coordinator NAVMAC, 33 al.sargent@navmac.navy.mil	**COMM:** **DSN:** **FAX:**	(901) 874-6247 882-6247 (901) 874-6471
AVCM J.K. "Sid" Bridges Common Avionics Technical Coordinator NAMTRAGRU HQ., N2213 namtghq.n2213@smpt.cnet.navy.mil	**COMM:** **DSN:** **FAX:**	(850) 452-9708 ext. 244 922-9708 (850) 452-9769
ATC Michael Reese Senior Avionics Instructor - APX-100 Course Manager NAMTRAGRU DET 1011 Jacksonville namtgjax.t116c@smtp.cnet.navy.mil	**COMM:** **DSN:** **FAX:**	(904) 542-5362 ext. 25 942-5362 ext. 25 (904) 942-5364
AVCM Ron Stebbins CPOIC MTU 1007 NAMTRAGRU DET 1007 Oceana namtgoce.n6@smtp.cnet.navy.mil	**COMM:** **DSN:** **FAX:**	(757) 433-2489 433-2489 (757) 433-2976

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS	
AT1 Vincent Riggs Senior Avionics Instructor NAMTRAGRU DET 1038 Lemoore	**COMM:** **DSN:** **FAX:**	(559) 998-3838 949-3838 (559) 998-4056
SSGT Charles Glenn Lead Instructor, Avionics Intermediate Level VMAT-203 FREST, MCAS Cherry Point	**COMM:** **DSN:** **FAX:**	(919) 466-2820 582-2820 (919) 466-2236
Mr. Raul Bracamontes Logistics Manager, Common Avionics NATEC, 3.3A57 bracamontesr@natec.navy.mil	**COMM:** **DSN:** **FAX:**	(619) 545-2158 735-2158 (619) 545-1883
Mr. Barry W. Shirley NTSP Development (NTSP Author) Consulting Associates Inc. barrys@cactis.com	**COMM:** **DSN:** **FAX:**	(757) 460-8180 NA (757) 460-8188
Mr. Phil Szczyglowski Competency Manager NAVAIRSYSCOM, AIR 3.4.1.1 szczyglowspr@navair.navy.mil	**COMM:** **DSN:** **FAX:**	(301) 757-9182 342-9182 (301) 342-4723
ATCS David Morris NTSP Coordinator NAVAIRSYSCOM, AIR 3.4.1.1 morrisdm@navair.navy.mil	**COMM:** **DSN:** **FAX:**	(301) 757-9173 757-9173 (301) 342-4723